



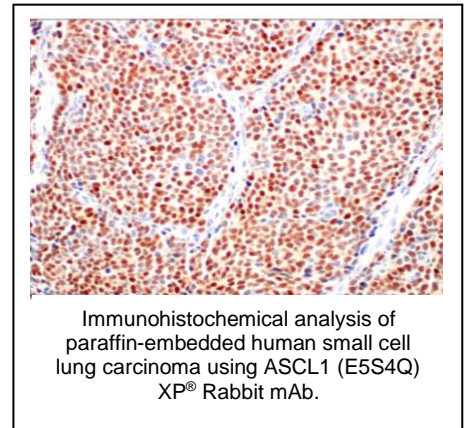
CELL SIGNALING TECHNOLOGY

# New Products – July 2022

## Hot New Product

### ASCL1 (E5S4Q) XP® Rabbit mAb #10585

Achaete-scute homolog 1 (ASCL1), also known as MASH-1, is a basic helix-loop-helix (BHLH) transcription factor which plays an essential role in the differentiation of neuroendocrine cells and neural tissues (1-3). ASCL1 directly binds the E-box motif (5'-CANNTG-3') on promoters, with dimerization with other BHLH proteins required for efficient DNA binding (4). Acting as a pioneer transcription factor, ASCL1 also accesses closed chromatin, allowing other factors to promote transcription of neuronal genes and activate neural pathways (5). Research studies have shown that knockdown of the *ASCL1* gene leads to inhibition of growth and induction of apoptosis in SCLC cells *in vitro* (6). Additionally, ASCL1 is overexpressed in both classic SCLC as well as NSCLC with neuroendocrine features, suggesting its role in the pathogenesis of those malignancies (7).



(Ref #): See [website](#) for more details.

Keywords: Transcription factor, developmental biology, differentiation, neuroendocrine & neural tissues

| Product Number        | Product Name  | Size   | Application         | Cross-Reactivity | Website Link            |
|-----------------------|---|--------|---------------------|------------------|-------------------------|
| <b>Adhesion / ECM</b> |   |        |                     |                  |                         |
| 88469SF               | EpCAM (E6V8Y) XP® Rabbit mAb (Mouse Preferred) (BSA and Azide Free) | 100 µg | WB, IHC-Bond, IHC-P | H, M, R          | <a href="#">Weblink</a> |
| 55725SF               | EpCAM (D9S3P) Rabbit mAb (IHC Preferred) (BSA and Azide Free)       | 100 µg | WB, IHC-P, F        | H                | <a href="#">Weblink</a> |
| 92435S                | JAM-A (E8D2N) XP® Rabbit mAb  | 100 µl | WB, IHC-P           | H                | <a href="#">Weblink</a> |
| 92435T                | JAM-A (E8D2N) XP® Rabbit mAb  | 20 µl  | WB, IHC-P           | H                | <a href="#">Weblink</a> |
| 50126SF               | Mesothelin (D9R5G) XP® Rabbit mAb (BSA and Azide Free)              | 100 µg | WB, IHC-P           | H                | <a href="#">Weblink</a> |

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|--|--|--------|-------------------------------|--------------------------|-------------------------|
| <b>Apoptosis</b>                               |  |        |                               |                          | -                       |
| 67308S   | Cleaved Caspase-3 (Asp175) (5A1E) Rabbit mAb (Alexa Fluor® 488 Conjugate)                  | 100 µl | F                             | H, M, R, Mk, (B, Dg, Pg) | <a href="#">Weblink</a> |
| 87938S   | Cleaved Caspase-3 (Asp175) (5A1E) Rabbit mAb (Alexa Fluor® 647 Conjugate)                  | 100 µl | F                             | H, M, R, Mk, (B, Dg, Pg) | <a href="#">Weblink</a> |
| 90144T   | NETosis Antibody Sampler Kit   | 1 Kit  | -                             | -                        | <a href="#">Weblink</a> |
| 50902S   | TPCA-1   | 5 mg   | -                             | -                        | <a href="#">Weblink</a> |
| <b>Cell Cycle / Checkpoint Control</b>         |  |        |                               |                          | -                       |
| 31912S   | Phospho-RPA32/RPA2 (Ser8) (E5A2F) Rabbit mAb (Alexa Fluor® 488 Conjugate)                  | 100 µl | IF-IC, F                      | H                        | <a href="#">Weblink</a> |
| 47711S   | Phospho-RPA32/RPA2 (Ser8) (E5A2F) Rabbit mAb (Alexa Fluor® 647 Conjugate)                  | 100 µl | IF-IC, F                      | H                        | <a href="#">Weblink</a> |
| 16453S   | SLFN11 (D8W1B) Rabbit mAb (PE Conjugate)   | 100 µl | F                             | H                        | <a href="#">Weblink</a> |
| <b>Chromatin Regulation / Nuclear Function</b> |  |        |                               |                          | -                       |
| 58034S   | Phospho-Brg1 (Ser1627/1631) (E2N9V) Rabbit mAb   | 100 µl | WB, IP                        | H, M, R, Mk              | <a href="#">Weblink</a> |
| 97148SF  | Phospho-Histone H2A.X (Ser139) (D7T2V) Mouse mAb (BSA and Azide Free)                      | 100 µg | WB, IHC-Bond, IHC-P, IF-IC, F | H, M, R, Mk              | <a href="#">Weblink</a> |
| 93244C   | FastScan™ Acetyl-Histone H3 (Lys27) ELISA Kit  | 1 Kit  | ELISA                         | H, M, R, Mk              | <a href="#">Weblink</a> |
| 82818C   | FastScan™ Citrullinated Histone H3 (Arg17) ELISA Kit                                       | 1 Kit  | ELISA                         | H                        | <a href="#">Weblink</a> |
| 74157S   | MORC2 (E7V4E) Rabbit mAb   | 100 µl | WB                            | H, M, R, Mk              | -                       |
| <b>Cytoskeletal Signaling</b>                  |  |        |                               |                          | -                       |
| 81817SF  | Keratin 5 (E2T4B) XP® Rabbit mAb (IHC Preferred) (BSA and Azide Free)                      | 100 µg | IHC-Bond, IHC-P               | H, M, R                  | <a href="#">Weblink</a> |
| 55658S   | Keratin 7 (RN7) Mouse mAb  | 100 µl | IHC-Bond, IHC-P               | H, M, R                  | <a href="#">Weblink</a> |
| 45893S   | PhosphoPlus® Myosin Light Chain 2 (Thr18/Ser19) Antibody Duet                              | 1 Kit  | -                             | H                        | <a href="#">Weblink</a> |
| <b>Developmental Biology</b>                   |  |        |                               |                          | -                       |
| 10585S   | ASCL1 (E5S4Q) XP® Rabbit mAb   | 100 µl | WB, IHC-Bond, IHC-P           | H                        | <a href="#">Weblink</a> |
| 10585T   | ASCL1 (E5S4Q) XP® Rabbit mAb   | 20 µl  | WB, IHC-Bond, IHC-P           | H                        | <a href="#">Weblink</a> |
| 96727S   | Non-phospho (Active) β-Catenin (Ser45) (D2U8Y) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate) | 100 µl | IF-F, IF-IC, F                | H, M, R, Mk, Z, Dg       | <a href="#">Weblink</a> |
| 48085S   | HIF-1α (E1V6A) Rabbit mAb  | 100 µl | WB, IHC-Bond, IHC-P           | H, M                     | <a href="#">Weblink</a> |
| 15306S   | KLF2 (E2Z1H) Rabbit mAb  | 100 µl | WB                            | H                        | <a href="#">Weblink</a> |
| 18596S   | SIX2 (E7C3J) Rabbit mAb  | 100 µl | WB, IP, IF-IC                 | H, M, R                  | <a href="#">Weblink</a> |
| 16836SF  | Thy1/CD90 (D3V8A) Rabbit mAb (BSA and Azide Free)  | 100 µg | WB, IHC-P                     | H, M, R                  | <a href="#">Weblink</a> |
| 52011S   | Transgelin/TAGLN (E6Y8S) Rabbit mAb  | 100 µl | WB                            | H, M, R                  | <a href="#">Weblink</a> |

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|------------------------------------|---|--------|------------------------|------------------|-------------------------|
| <b>Immunology and Inflammation</b> |   |        |                        |                  |                         |
| 98190S                             | Amlexanox   | 100 mg | -                      | -                | <a href="#">Weblink</a> |
| 95940S                             | BST2 (E4N3W) XP® Rabbit mAb                               | 100 µl | WB, IHC-Bond, IHC-P, F | H                | <a href="#">Weblink</a> |
| 95940T                             | BST2 (E4N3W) XP® Rabbit mAb                               | 20 µl  | WB, IHC-Bond, IHC-P, F | H                | <a href="#">Weblink</a> |
| 57219SF                            | CCL5/RANTES (E9S2K) Rabbit mAb (BSA and Azide Free)       | 100 µg | WB, IHC-P              | H, M             | <a href="#">Weblink</a> |
| 41502SF                            | CD22 (E7L6Z) XP® Rabbit mAb (BSA and Azide Free)          | 100 µg | WB, IHC-Bond, IHC-P    | H                | <a href="#">Weblink</a> |
| 52090S                             | CD63 (E1W3T) Rabbit mAb                                   | 100 µl | WB                     | H, Mk            | <a href="#">Weblink</a> |
| 80119S                             | CD68 (D4B9C) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)  | 100 µl | IF-IC, F               | H                | <a href="#">Weblink</a> |
| 84162SF                            | CD79A (D1X5C) XP® Rabbit mAb (BSA and Azide Free)         | 100 µg | WB, IHC-P              | H                | <a href="#">Weblink</a> |
| 87572S                             | CD300a (E6B9T) Rabbit mAb                                 | 100 µl | WB                     | H                | <a href="#">Weblink</a> |
| 26814C                             | PathScan® Total CrkL Sandwich ELISA Kit                   | 1 Kit  | ELISA                  | H                | <a href="#">Weblink</a> |
| 99979S                             | ERAP1 (E6X1P) Rabbit mAb                                  | 100 µl | WB, IP                 | H                | <a href="#">Weblink</a> |
| 29744S                             | FIZZ1 (E9O2P) Rabbit mAb                                  | 100 µl | IF-F                   | M                | <a href="#">Weblink</a> |
| 48287S                             | GADS Antibody   | 100 µl | WB                     | H, M             | <a href="#">Weblink</a> |
| 25328SF                            | HLA-DRA (E9R2Q) XP® Rabbit mAb (BSA and Azide Free)       | 100 µg | WB, IHC-Bond, IHC-P    | H                | <a href="#">Weblink</a> |
| 93613S                             | Human IFN-α 2a Recombinant Protein                        | 20 µg  | -                      | -                | <a href="#">Weblink</a> |
| 36000S                             | Human IFN-α 2b Recombinant Protein                        | 20 µg  | -                      | -                | <a href="#">Weblink</a> |
| 99969S                             | IFITM1 (D5P5J) Rabbit mAb                                 | 100 µl | WB, IP, F              | H                | <a href="#">Weblink</a> |
| 82783S                             | IL-8 (E5F5Q) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)  | 100 µl | F                      | H                | <a href="#">Weblink</a> |
| 43975S                             | IL-8 (E5F5Q) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)  | 100 µl | F                      | H                | <a href="#">Weblink</a> |
| 74808S                             | Human IL-22 Recombinant Protein                           | 10 µg  | -                      | -                | <a href="#">Weblink</a> |
| 90543S                             | Lenalidomide  | 50 mg  | -                      | -                | <a href="#">Weblink</a> |
| 81875S                             | MICA (E9H3N) Rabbit mAb                                   | 100 µl | WB                     | H                | <a href="#">Weblink</a> |
| 79877S                             | SHIP1 (E8M5D) Rabbit mAb                                  | 100 µl | WB, IF-F, IF-IC        | M, R             | <a href="#">Weblink</a> |
| 97096SF                            | SLP-76 (E4N7E) Rabbit mAb (BSA and Azide Free)            | 100 µg | WB, IHC-P              | H, M             | <a href="#">Weblink</a> |
| 51426C                             | FastScan™ Phospho-Syk (Tyr525/526) ELISA Kit              | 1 Kit  | ELISA                  | H                | <a href="#">Weblink</a> |
| 83687S                             | Thalidomide   | 50 mg  | -                      | -                | <a href="#">Weblink</a> |
| 40129S                             | TIGIT (E5Y1W) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate) | 100 µl | F                      | H                | <a href="#">Weblink</a> |
| 69779S                             | TIGIT (E5Y1W) XP® Rabbit mAb (Alexa Fluor® 555 Conjugate) | 100 µl | F                      | H                | <a href="#">Weblink</a> |
| 45116S                             | TIM-3 (E9K5D) Rabbit mAb (Alexa Fluor® 488 Conjugate)     | 100 µl | F                      | M                | <a href="#">Weblink</a> |
| 52704S                             | TIM-3 (E9K5D) Rabbit mAb (Alexa Fluor® 555 Conjugate)     | 100 µl | IF-F, IF-IC, F         | M                | <a href="#">Weblink</a> |
| 72046S                             | Tox2 Antibody   | 100 µl | WB                     | H, (M)           | <a href="#">Weblink</a> |
| 61129SF                            | TRDC/TCRδ (E2E9T) XP® Rabbit mAb (BSA and Azide Free)     | 100 µg | WB, IHC-Bond, IHC-P    | H                | <a href="#">Weblink</a> |
| 82119SF                            | VISTA (D1L2G™) XP® Rabbit mAb (BSA and Azide Free)        | 100 µg | WB, IHC-Bond, IHC-P, F | H, Mk            | <a href="#">Weblink</a> |

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|--|--|--------|------------------------|---------------------------|-------------------------|
| <b>Infectious Diseases</b>             |  |        |                        |                           |                         |
| 27620S                                 | SARS-CoV-2 Spike Protein (S2) (E7V3M) Rabbit mAb               | 100 µl | WB                     | Vir                       | <a href="#">Weblink</a> |
| <b>MAP Kinase Signaling</b>            |  |        |                        |                           |                         |
| 38959S                                 | MAST1 (E4K5G) Rabbit mAb                                       | 100 µl | WB                     | H, M, R                   | <a href="#">Weblink</a> |
| 68776C                                 | PathScan® Total c-Raf Sandwich ELISA Kit                       | 1 Kit  | ELISA                  | H, M, R, Mk               | <a href="#">Weblink</a> |
| <b>Metabolism</b>                      |  |        |                        |                           |                         |
| 69202S                                 | Cytochrome b Antibody  | 100 µl | WB, IP                 | H, Mk                     | <a href="#">Weblink</a> |
| 48005S                                 | GCLC Antibody  | 100 µl | WB                     | H                         | <a href="#">Weblink</a> |
| 98348S                                 | Glycogen Synthase 2 (GYS2) Antibody                            | 100 µl | WB                     | H, M, R                   | <a href="#">Weblink</a> |
| 71692S                                 | GOT2 Antibody  | 100 µl | WB                     | H, M, R, Mk               | <a href="#">Weblink</a> |
| 88048S                                 | p22phox (E9N8W) Rabbit mAb                                     | 100 µl | WB, IP                 | H, M, R                   | <a href="#">Weblink</a> |
| <b>Motif Antibodies</b>                |  |        |                        |                           |                         |
| 51396S                                 | PTMScan® Control Peptides Asymmetric Di-Methyl Arginine        | 100 µl | -                      | -                         | <a href="#">Weblink</a> |
| 35263S                                 | PTMScan® Control Peptides Pan-Methyl Lysine                    | 100 µl | -                      | -                         | <a href="#">Weblink</a> |
| <b>Neuroscience</b>                    |  |        |                        |                           |                         |
| 20562SF                                | BACE (D10E5) Rabbit mAb (BSA and Azide Free)                   | 100 µg | WB, IF-F, IF-IC        | H, M, R                   | <a href="#">Weblink</a> |
| 80357S                                 | BACE2 (E3Y9Q) Rabbit mAb                                       | 100 µl | WB, IF-F, IF-IC        | H, M                      | <a href="#">Weblink</a> |
| 38062S                                 | Claudin-11 (E7E9U) Rabbit mAb                                  | 100 µl | WB, IP                 | H, M, R                   | <a href="#">Weblink</a> |
| 79777S                                 | Dopamine D(1) Receptor/D1R (E3H3X) Rabbit mAb                  | 100 µl | WB, IF-F               | M, (R)                    | <a href="#">Weblink</a> |
| 69908S                                 | EAAT4 (E6E9I) Rabbit mAb                                       | 100 µl | WB, IF-F               | H, M, R                   | <a href="#">Weblink</a> |
| 36833T                                 | Late-Onset Alzheimer's Disease Risk Gene Antibody Sampler Kit  | 1 Kit  | -                      | -                         | <a href="#">Weblink</a> |
| 60487S                                 | Lysozyme C-1/2 (E2K5R) XP® Rabbit mAb                          | 100 µl | WB, IHC-P, IF-F, IF-IC | M, R                      | <a href="#">Weblink</a> |
| 60487T                                 | Lysozyme C-1/2 (E2K5R) XP® Rabbit mAb                          | 20 µl  | WB, IHC-P, IF-F, IF-IC | M, R                      | <a href="#">Weblink</a> |
| 38289T                                 | Oligodendrocyte Marker Antibody Sampler Kit                    | 1 Kit  | -                      | -                         | <a href="#">Weblink</a> |
| 37657SF                                | PSD95 (D27E11) XP® Rabbit mAb (BSA and Azide Free)             | 100 µg | WB, IF-F               | H, M, R                   | <a href="#">Weblink</a> |
| 44897S                                 | UT-B/SLC14A1 (E3S8J) Rabbit mAb                                | 100 µl | WB                     | H                         | <a href="#">Weblink</a> |
| <b>PI3K / Akt Signaling</b>            |  |        |                        |                           |                         |
| 31957SF                                | Phospho-Akt (Ser473) (D9E) XP® Rabbit mAb (BSA and Azide Free) | 100 µg | WB, IHC-P, IF-IC, F    | H, M, R, Hm, Mk, Dm, Z, B | <a href="#">Weblink</a> |
| 80884S                                 | Gab2 Antibody  | 100 µl | WB                     | H, M, R                   | <a href="#">Weblink</a> |
| 52012S                                 | SRPK1 (E7J5U) Rabbit mAb                                       | 100 µl | WB                     | H                         | <a href="#">Weblink</a> |
| <b>Protein Folding and Trafficking</b> |  |        |                        |                           |                         |
| 95765S                                 | AP3B1 (E7U2P) Rabbit mAb                                       | 100 µl | WB, IP                 | H                         | <a href="#">Weblink</a> |
| 28666S                                 | EXOC7 (E4W6R) Rabbit mAb                                       | 100 µl | WB, IP                 | H, M, R                   | <a href="#">Weblink</a> |

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|--|--|--------|----------------------------|------------------|-------------------------|
| <b>RTK</b>                                   |  |        |                            |                  |                         |
| 67270C                                       | PathScan® Phospho-CSF-1R/M-CSF-R (Tyr699) Sandwich ELISA Kit | 1 Kit  | ELISA                      | H                | <a href="#">Weblink</a> |
| 60557SF                                      | FAK (D5O7U) XP® Rabbit mAb (BSA and Azide Free)              | 100 µg | WB, IHC-Bond, IHC-P, IF-IC | H                | <a href="#">Weblink</a> |
| 79884T                                       | Lung Cancer RTK Antibody Sampler Kit                         | 1 Kit  | -                          | -                | <a href="#">Weblink</a> |
| 50611S                                       | Human PDGF-BB Recombinant Protein                            | 10 µg  | -                          | -                | <a href="#">Weblink</a> |
| <b>Ubiquitin and Ubiquitin-like proteins</b> |  |        |                            |                  |                         |
| 47247S                                       | USP32 (E8N8G) Rabbit mAb                                     | 100 µl | WB, IP                     | H, M, R          | <a href="#">Weblink</a> |

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