



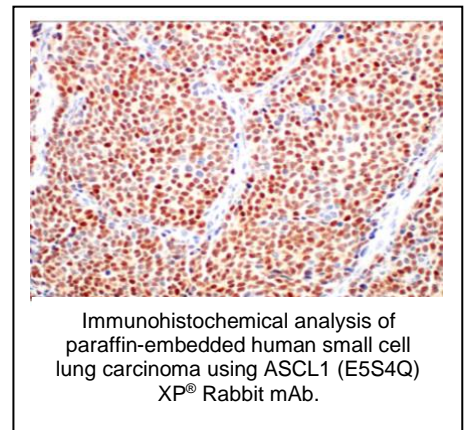
CELL SIGNALING TECHNOLOGY

# New Products – July 2022

## Hot New Product

### ASCL1 (E5S4Q) XP<sup>®</sup> 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 <sup>®</sup> 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 <sup>®</sup> Rabbit mAb	100 µl	WB, IHC-P	H	<a href="#">Weblink</a>
92435T	JAM-A (E8D2N) XP <sup>®</sup> Rabbit mAb	20 µl	WB, IHC-P	H	<a href="#">Weblink</a>
50126SF	Mesothelin (D9R5G) XP <sup>®</sup> Rabbit mAb (BSA and Azide Free)	100 µg	WB, IHC-P	H	<a href="#">Weblink</a>

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Product Number	Product Name	Size	Application	Cross-Reactivity	Website Link
<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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Product Number	Product Name	Size	Application	Cross-Reactivity	Website Link
<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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Product Number	Product Name	Size	Application	Cross-Reactivity	Website Link
<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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