## FAM3C (D1S2D) XP<sup>®</sup> Rabbit mAb



Orders:	877-616-CELL (2355) orders@cellsignal.com
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3 Trask Lane | Danvers | Massachusetts | 01923 | USA

For Research Use Only. Not for Use in Diagnostic Procedures.

<b>Applications:</b> W, IHC-P, IF-IC, FC- FP	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 25	<b>Source/Isotype:</b> Rabbit IgG	<b>UniProt ID:</b> #Q92520	<b>Entrez-Gene Id:</b> 10447		
Product Usage Information		<b>Application</b> Western Blotting Immunohistochemist Immunofluorescence Flow Cytometry (Fixed	(Immunocytochem	istry)		<b>Dilution</b> 1:1000 1:300 1:400 1:200		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity/Sens	<b>/Sensitivity</b> FAM3C (D1S2D) XP <sup>®</sup> Rabbit mAb recognizes endogenous levels of total FAM3C protein. Based on t sequence of the immunogenic peptide, the antibody is not expected to cross-react with other FAM family members.							
Source / Purific	ation	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Gly169 of human FAM3C protein.						
Background		cytokine-like protein a metastasis during cal cancer (1,2). In colore progression, and that induction by FAM3C o dependent regulation FAM3C has also been amyloid beta plaques and research shows t	and member of the neer progression in ectal cancer, research t high expression of can be independent n of FAM3C expressi linked to regulatior s in Alzheimer's disea	e epithelial-to-mesench FAM3 family. FAM3C play human and mouse cells, hers have indicated that FAM3C is predictive of p of TGF-beta, research str on at the translational le of osteoblast differentia ase (7). FAM3C exists in r mers contain its EMT-ind	ys an important rol and is highly expr FAM3C is a marker oor prognosis (3). ' udies have also sho vel in mouse and h ation (6), and to ac nonomeric and in	e in EMT and essed in human for EMT and tumor While EMT own TGF-beta- human cells (4,5). cumulation of homodimeric form,		
Background Re	ferences	<ul> <li>(8).</li> <li>1. Waerner, T. et al. (2006) <i>Cancer Cell</i> 10, 227-39.</li> <li>2. Lahsnig, C. et al. (2009) <i>Oncogene</i> 28, 638-50.</li> <li>3. Gao, Z.H. et al. (2014) <i>Histopathology</i> 65, 527-38.</li> <li>4. Chaudhury, A. et al. (2010) <i>Nat Cell Biol</i> 12, 286-93.</li> <li>5. Song, Q. et al. (2014) <i>Tumour Biol</i> 35, 1377-82.</li> <li>6. Bendre, A. et al. <i>Differentiation</i> 93, 50-57.</li> <li>7. Liu, L. et al. (2016) <i>Neuroscience</i> 330, 236-46.</li> <li>8. Kral, M. et al. (2017) <i>FEBS J</i> 284, 3484-3505.</li> </ul>						
Species Reactiv	rity	Species reactivity is d	etermined by testin	g in at least one approve	d application (e.g.,	western blot).		
Western Blot B	uffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Ke	ey.	<b>W:</b> Western Blotting <b>IHC-P:</b> Immunohistochemistry (Paraffin) <b>IF-IC:</b> Immunofluorescence (Immunocytochemistry) <b>FC-FP:</b> Flow Cytometry (Fixed/Permeabilized)						
Cross-Reactivit	у Кеу	H: Human						
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