ទុ Fibronectin/FN1 (E5H6X) Rabbit mAb





Orders:877-616-CELL (2355)
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3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W, IP, IHC-Bond,	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 300	Source/Isotype: Rabbit IgG	UniProt ID: #P02751	Entrez-Gene Id: 2335
IHC-P, IF-IC						
Product Usage Information		Application Western Blotting Immunoprecipitation IHC Leica Bond Immunohistochemistry	(Paraffin)		Diluti 1:1000 1:100 1:400 1:100	on) - 1:1600 - 1:400
		Immunofluorescence (I	mmunocytochemi	stry)	1:200	- 1:800
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. <i>Do not aliquot the antibody</i> .				
		For a carrier free (BSA a	nd azide free) vers	sion of this product see p	oroduct #44800.	
Specificity/Sensitivity		Fibronectin/FN1 (E5H6X) Rabbit mAb recognizes endogenous levels of total Fibronectin/FN1 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a protein fragment corresponding to residues near the carboxy terminus of human Fibronectin/FN1 protein.				
Background		Fibronectin is a multi-dc to bind distinct ECM cor on its functions (1). Fibro tissue repair, fibrosis, ar fibronectin is synthesize bloodstream. It is a maj receptors, fibronectin su activated extracellular n have also been shown t isoforms are particularly diagnostic and theraped	omain extracellula mponents such as onectin has been i nd tumor developr ed by hepatocytes or component of f witches to an exter natrix assembly (3 o synthesize cellul y highly expressed utic targets (4-6).	r matrix (ECM) protein. T collagens, growth factor mplicated in many esser nent (1,2). There are man and exists as a compact, ibrin clots. Upon binding nded conformation, and). Fibroblasts, endothelia ar fibronectin isoforms.	he protein uses its of s, and cell surface in ntial biological proce ny fibronectin isofor inactive conformat g to integrins or oth exposes its function I cells, and many ty Among them, the El cer development, an	different domains integrins to carry esses, including rms. Plasma ion in the er cell surface in domains to pes of cancer cells DA or EDB ind are potential
Background Ref	erences	 Zollinger, A.J. and Smith, M.L. (2017) <i>Matrix Biol</i> 60-61, 27-37. Wang, K. et al. (2016) <i>Cell Mol Bioeng</i> 9, 1-11. To, W.S. and Midwood, K.S. (2011) <i>Fibrogenesis Tissue Repair</i> 4, 21. Kaspar, M. et al. (2006) <i>Int J Cancer</i> 118, 1331-9. Wang, J.P. and Hielscher, A. (2017) <i>J Cancer</i> 8, 674-82. Zent, J. and Guo, L.W. (2018) <i>Cell Physiol Biochem</i> 49, 848-68. 				
Species Reactivi	ty	Species reactivity is dete	ermined by testing	in at least one approved	d application (e.g., v	vestern blot).
Western Blot Bu	ffer	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 Key	W: Western Blotting IP: Immunoprecipitation IHC-Bond: IHC Leica Bond IHC-P: Immunohistochemistry (Paraffin) IF-IC: Immunofluorescence (Immunocytochemistry)					
Cross-Reactivity	Кеу	H: Human				
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