-20C

Store at

75442

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3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications:	Reactivity:	Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene Id
VV, IP	НМ	Endogenous	140	Raddit	#014638	5169
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		ENPP3/CD203c Antibody recognizes endogenous levels of total ENPP3/CD203c protein. This antibody does not cross-react with either ENPP1 or ENPP2 proteins.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human ENPP3/CD203c protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		Ectonucleotide pyroph transmembrane glyco segment, and a short o overexpressed in color invasiveness (1-3). Witl basophil and mast cell patients with systemic overexpressed in rena this disease (7).	osphatase/phosph protein that contai cytoplasmic domai n carcinoma and is hin the hematopoi lineages (4,5). Ind mastocytosis (6). F l cell carcinoma (RC	odiesterase 3 (ENPP3/Cl ns a large extracellular of n containing the N-term thought to play a role in etic cell compartment, El eed, ENPP3 is overexpre Recently, ENPP3 has been CC) and may have potent	D203c/PD-Ibeta) is a lomain, an α-helical f inus. ENPP3 has bee tumor initiation and NPP3 is a cell surface ssed on transformed n identified as being tial as a novel therap	type-II transmembrane n shown to be tumor cell marker of mast cells in highly eutic target for
Background References		1. Yano, Y. et al. (2003) <i>Int J Mol Med</i> 12, 763-6. 2. Meerson, N.R. et al. (2000) <i>J Cell Sci</i> 113 Pt 23, 4193-202. 3. Deissler, H. et al. (1999) <i>FASEB J</i> 13, 657-66. 4. Bühring, H.J. et al. (1999) <i>Blood</i> 94, 2343-56. 5. Bühring, H.J. et al. (2001) <i>Blood</i> 97, 3303-5. 6. Hauswirth, A.W. et al. <i>Int J Immunopathol Pharmacol</i> 21, 797-806. 7. Doñate, F. et al. (2016) <i>Clin Cancer Res</i> 22, 1989-99.				
Species Peactiv	/itv/	Species reactivity is de	termined by testin	n in at least one approve	ad application (e.g.)	western blot)
Species Reactiv	/ity	Species reactivity is de	termined by testin	g in at least one approve	application (e.g., v	vestern blot).
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications K	ey	W: Western Blotting IF	?: Immunoprecipita	ation		
Cross-Reactivit	у Кеу	H: Human M: Mouse				
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