

LCP1 (D1C3) Rabbit mAb



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Applications: W, IHC-P	Reactivity: H M	Sensitivity: Endogenous	MW (kDa): 70	Source/Isotype: Rabbit IgG	UniProt ID: #P13796	Entrez-Gene Id: 3936
Product Usage Information		Application Western Blotting Immunohistochemistry (Paraffin)			Dilution 1:1000 1:400	
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/Sensitivity		LCP1 (D1C3) Rabbit mAb recognizes endogenous levels of total LCP1 protein.				
Species predicted to react based on 100% sequence homology		Monkey				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Asp567 of human LCP1 protein.				
Background		that include proteins found in mammals ar most solid tissues, wh intestine (1-3). Resear (LCP1) is mainly expreexpression correlates found that overexprescadherin expression, phosphorylated at Se	that promote acting include L-plasting include L-plasting in IIII IIII IIIII IIIII IIIIIIIIIII	plastin proteins comprise bundling. Three plastins T-plastin, and I-plastin. I-plastin. I-plastin. I-plastin. I-plastin. I-plastin. I-plastin (plasting the cells and nonhemate ogression in colon cance metastatic cancer cell listic of metastatic cancer a through the T cell recept (6). Phosphical motility (7,8).	exhibiting differen T-plastin (plastin-3) ally in the kidney, co n-2) or lymphocyte poietic tumors, and r cell lines (4). Inves nes induces invasion cell lines (5). LCP1 botor/CD3 complex in	tial expression are is found in cells of olon, and small cytosolic protein 1 d increased stigators have and loss of E-ecomes association with
Background References		1. Lin, C.S. et al. (1993) <i>J Biol Chem</i> 268, 2781-92. 2. Lin, C.S. et al. (1994) <i>Mol Cell Biol</i> 14, 2457-67. 3. Delanote, V. et al. (2005) <i>Acta Pharmacol Sin</i> 26, 769-79. 4. Otsuka, M. et al. (2001) <i>Biochem Biophys Res Commun</i> 289, 876-81. 5. Foran, E. et al. (2006) <i>Int J Cancer</i> 118, 2098-104. 6. Wabnitz, G.H. et al. (2007) <i>Eur J Immunol</i> 37, 649-62. 7. Janji, B. et al. (2006) <i>J Cell Sci</i> 119, 1947-60. 8. Klemke, M. et al. (2007) <i>Int J Cancer</i> 120, 2590-9.				
Species Reactivity		Species reactivity is determined by testing in at least one approved application (e.g., western 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 Key

W: Western Blotting IHC-P: Immunohistochemistry (Paraffin)

Cross-Reactivity Key

H: Human M: Mouse

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