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ក្តី Claudin-6 (E2S5M) Rabbit mAb



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

Applications: W, IP, IF-IC	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 23	Source/Isotype: Rabbit IgG	UniProt ID: #P56747	Entrez-Gene Id: 9074
Product Usage Information		Application Western Blotting Immunoprecipitation Immunofluorescence		istry)	Dilu 1:100 1:100 1:400	00
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>				
Specificity/Sen	sitivity	Claudin-6 (E2S5M) Rabbit mAb recognizes endogenous levels of total Claudin-6 protein.				
Source / Purifi	cation			nunizing animals with a s Iman Claudin-6 protein.	synthetic peptide co	prresponding to
Background		endothelium. They fur polarity, blocking the cell surfaces. Tight jur the cytoskeleton (1,2) expression, which var epithelial barrier. Alte cancer (2,3). Claudin-1 but is absent or reduc Claudin-6 is a membe Claudin-6 has been re which may point to a inhibiting malignancy migration. Mechanism	nction in regulation movement of trans inctions are compose . The claudin family ies among tissue ty ration in claudin pro 1 is expressed prima ced in breast carcino er of the CLDN famil sported in breast inv function of Claudin- of breast cancer ce ns of action of Claud Ks-STATs, ASK1-JNK,	n a continuous barrier to of paracellular permeat membrane proteins betw ed of claudin and occlud is composed of 23 integ pes, may determine bot otein expression pattern arily in keratinocytes (4) of mas and breast cancer y that is expressed in ep vasive ductal carcinoma 6 as a tumor suppresso ills by inducing apoptosi din-6 have been describe and other pathways (7, 4 ms (9).	bility and in the mai ween the apical and in proteins, which j ral membrane prot h the strength and is associated with s and normal mamm cell lines (5,6). ithelial cell sheets. I associated with lym r. Claudin-6 is repor s, inhibiting prolifer ed through various	ntenance of cell I the basolateral oin the junctions to eins, and their properties of the several types of ary epithelial cells, Downregulation of phatic metastasis ted to play a role in ration and signaling pathways
				on in various malignanc rest in the potential for p		
Background R	eferences	 Shin, K. et al. (2006) Oliveira, S.S. and M Hewitt, K.J. et al. (20 Brandner, J.M. et al. Krämer, F. et al. (200 Swisshelm, K. et al. Wu, Q. et al. (2013) Guo, Y. et al. (2016) Liu, Y. et al. (2016) Liu, Y. et al. (2016) D. Zhang, X. et al. (20 Torres-Martínez, A Micke, P. et al. (20 Ben-David, U. et al. 	orgado-Díaz, J.A. (20 006) <i>BMC Cancer</i> 6, (2002) <i>Eur J Cell Bio</i> 00) <i>Hum Genet</i> 107, (1999) <i>Gene</i> 226, 28 <i>Chin Med J (Engl)</i> 12 <i>Int J Oncol</i> 48, 2435 <i>Exp Clin Cancer Re</i> 015) <i>Med Oncol</i> 32, A.C. et al. (2017) <i>Exp</i> 14) <i>Int J Cancer</i> 135, I. (2013) <i>Nat Comm</i>	207) Cell Mol Life Sci 64, 186. 249-56. 35-95. 26, 3539-44. 5-44. 5 35, 120. 148. Cell Res 350, 226-35. 2206-14. un 4, 1992.	17-28.	
Species Reactiv	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ii	n 5% w/v BSA, 1X

Applications Key	W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)	
Cross-Reactivity Key	H: Human	
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