

CD46 (D6N7H) Rabbit mAb



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Applications: W, IHC-P	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 50-70	Source/Isotype: Rabbit IgG	UniProt ID: #P15529	Entrez-Gene Id 4179
Product Usage Information		Application Western Blotting Immunohistochemistry (Paraffin)			Dilution 1:1000 1:800	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
		For a carrier free (BSA and azide free) version of this product see product #28704.				
Specificity/Sensitivity		CD46 (D6N7H) Rabbit mAb recognizes endogenous levels of total CD46 protein.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro199 of human CD46 protein.				
Background		plays an important in promotes inactivation complement-depend underscored by the o uremic syndrome (al- addition to its role in and viruses (4), and is during fertilization (5 types. For example, ro samples (6), while CD been suggested that	hibitory role in the of C3b and C4b by ent cytotoxicity (1,2) bservation that gen (US), a disease chara complement inactive reportedly required). CD46 is implicated esearch studies shouregulation of CD4 by regulation of CD4 in the complement inactive studies shouregulation of CD4 in the complement i	ane Cofactor Protein (CI complement system (1). serum factor 1, thereby to The importance of CD4 etic loss of CD46 leads to acterized by uncontrolleration, CD46 can function d for proper fusion of spanting the in the development and welevated CD46 expressive the may serve to protect destruction by the immunication of the complex of th	CD46 exhibits a contracting host (see the complement of a development of a development active as a receptor for seematozoa to the cod/or progression of sion in medulloblasiognosis in breast cancer cells from contracting the contraction of the cod/or progression of the cod/or progression of the cod/or progression of the code contracting the code contracting the code code code code code code code cod	actor activity that elf) cells from egulation is typical hemolytic- vation (2,3). In selected bacteria ocyte membrane selected cancer stoma tumor ancer (7). It has
Background Ref	erences	1. Liszewski, M.K. et al. (1991) <i>Annu Rev Immunol</i> 9, 431-55. 2. Riley-Vargas, R.C. et al. (2004) <i>Trends Immunol</i> 25, 496-503. 3. Noris, M. and Remuzzi, G. (2009) <i>N Engl J Med</i> 361, 1676-87. 4. Cattaneo, R. (2004) <i>J Virol</i> 78, 4385-8. 5. Taylor, C.T. et al. (1994) <i>Hum Reprod</i> 9, 907-11. 6. Studebaker, A.W. et al. (2010) <i>Neuro Oncol</i> 12, 1034-42. 7. Maciejczyk, A. et al. (2011) <i>Appl Immunohistochem Mol Morphol</i> 19, 540-6. 8. Zhang, S. et al. (2013) <i>FEBS Lett</i> 587, 645-51. 9. Cui, W. et al. (2012) <i>FEBS Lett</i> 586, 766-71.				

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 Mk: Monkey

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