

Mouse Monoclonal Antibody to CDH5

Catalogue Number	sAP-0941
Target Molecule	<p>Name: CDH5</p> <p>Aliases: 7B4; CD144</p> <p>MW: 87.5kDa</p> <p>Entrez Gene ID: 1003</p>
Description	<p>This gene is a classical cadherin from the cadherin superfamily and is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. An alternative splice variant has been described but its full length sequence has not been determined. ; ;</p>
Immunogen	Purified recombinant fragment of human CDH5 (AA: 29-223) expressed in E. Coli.
Reactive Species	Human; Rat;
Clone	MM3D5C7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Blood. 2011 Feb 24;117(8):2515-26. ; 2.J Virol. 2010 Nov;84(21):11227-34. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**