

## Mouse Monoclonal Antibody to CDH2

Catalogue Number	sAP-0395
Target Molecule	<b>Name:</b> CDH2 <b>Aliases:</b> CDHN; NCAD; CD325; CDw325; CDH2 <b>MW:</b> 99.8kDa <b>Entrez Gene ID:</b> 1000
Description	This gene is a classical cadherin from the cadherin superfamily. 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. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product.
Immunogen	Purified recombinant fragment of human CDH2 expressed in E. Coli.
Reactive Species	Human; Mouse; Rat
Clone	MM5D5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> 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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Biol Chem. 2007 Mar 16;282(11):8545-56. ; 2. Mol Cell Biochem. 2007 Aug;302(1-2):19-26. ; 3. Urol Oncol. 2010 Mar-Apr;28(2):180-8.

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**