

## Mouse Monoclonal Antibody to PCDH9

Catalogue Number	sAP-1551
Target Molecule	<b>Name:</b> PCDH9 <b>Aliases:</b> <b>MW:</b> 136kDa <b>Entrez Gene ID: 5101</b>
Description	This gene encodes a member of the protocadherin family, and cadherin superfamily, of transmembrane proteins containing cadherin domains. These proteins mediate cell adhesion in neural tissues in the presence of calcium. The encoded protein may be involved in signaling at neuronal synaptic junctions. Sharing a characteristic with other protocadherin genes, this gene has a notably large exon that encodes multiple cadherin domains and a transmembrane region. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human PCDH9 (AA: 24-148) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7G3F7
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 H2O, 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; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Clin Exp Metastasis. 2015 Jun;32(5):417-28.2.J Clin Neurosci. 2012 Apr;19(4):541-5.

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 end users! This product is sold for **Research Use Only**