

Mouse Monoclonal Antibody to PMS2

Catalogue Number	sAP-1200
Target Molecule	Name: PMS2 Aliases: PMSL2; HNPCC4; PMS2CL MW: 95.8kDa Entrez Gene ID: 5395
Description	This gene is one of the PMS2 gene family members found in clusters on chromosome 7. The product of this gene is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. Alternatively spliced transcript variants have been observed for this gene.;
Immunogen	Purified recombinant fragment of human PMS2 (AA: 748-851) expressed in E. Coli.
Recitative Species	Human;
Clone	MM1E9D11;
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; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Med Genet. 2013 Aug;50(8):552-63. ; 2.Hum Mutat. 2010 May;31(5):552-60.;

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**