

Mouse Monoclonal Antibody to MTHFR

Catalogue Number	sAP-0554
Target Molecule	Name: MTHFR Aliases: MTHFR MW: 75kDa Entrez Gene ID: 4524
Description	The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.
Immunogen	Purified recombinant fragment of human MTHFR expressed in E. Coli. ;
Reactive Species	Human; Rat
Clone	MM5D3;
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 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: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Kardiol Pol. 2008 Dec;66(12):1269-77. ; 2. Arq Bras Endocrinol Metabol. 2008 Nov;52(8):1374-81.

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**