

Mouse Monoclonal Antibody to mTOR

Catalogue Number	sAP-1248
Target Molecule	<p>Name: mTOR</p> <p>Aliases: FRAP; FRAP1; FRAP2; RAFT1; RAPT1</p> <p>MW: 289kDa</p> <p>Entrez Gene ID: 2475</p>
Description	The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.;
Immunogen	Purified recombinant fragment of human mTOR (AA: 2311-2529) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5E4D8;
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: ; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Br J Cancer. 2015 Mar 17;112(6):1042-51. ; 2.Clin Cancer Res. 2014 Nov 1;20(21):5412-22. ;

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**