

Mouse Monoclonal Antibody to CAMK4

Catalogue Number	sAP-0785
Target Molecule	Name: CAMK4 Aliases: IV; caMK; CaMK IV; CaMK-GR MW: 58kDa Entrez Gene ID: 814
Description	The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells. ; ;
Immunogen	Purified recombinant fragment of human CAMK4 (AA: 35-292) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM8C5B8;
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: 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. 2009 Aug 7;284(32):21327-37. ; 2.Rejuvenation Res. 2011 Jun;14(3):283-91. ;

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**