

Mouse Monoclonal Antibody to CREB1

Catalogue Number	sAP-0551
Target Molecule	Name: CREB1 Aliases: CREB; MGC9284; CREB1 MW: 43kDa Entrez Gene ID: 1385
Description	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in two transcript variants encoding different isoforms. (provided by RefSeq)
Immunogen	Purified recombinant fragment of human CREB1 expressed in E. Coli. ;
Recitative Species	Human; Mouse; Rat; Monkey
Clone	MM5G3;
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; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Proc Natl Acad Sci U S A. 2008 Jul 22;105(29):10161-6. ; 2. FEBS Lett. 2008 Jun 11;582(13):1889-93.3 ; 3. Am J Med Genet B Neuropsychiatr Genet. 2008 Jun 5;147B(4):500-4.

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**