

Mouse Monoclonal Antibody to GRIK4

Catalogue Number	sAP-1596
Target Molecule	Name: GRIK4 Aliases: KA1; EAA1; GRIK; GluK4 MW: 107.2kDa Entrez Gene ID: 2900
Description	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human GRIK4 (AA: extra 21-166) expressed in E. Coli.
Reactive Species	Human;
Clone	MM8H5G5
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 H2O, 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; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Pharmacogenomics. 2014 Aug;15(11):1451-9.2.Am J Med Genet B Neuropsychiatr Genet. 2012 Jan;159B(1):21-9.

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**