

Mouse Monoclonal Antibody to GRIK5

Catalogue Number	sAP-1585
Target Molecule	Name: GRIK5 Aliases: KA2; EAA2; GRIK2; GluK5 MW: 109.3kDa Entrez Gene ID: 2901
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. Alternative splicing results in multiple transcript variants.
Immunogen	Purified recombinant fragment of human GRIK5 (AA: extra 21-166) expressed in E. Coli.
Recitative Species	Human;
Clone	MM4G5H8
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; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.EMBO J. 2013 Feb 20;32(4):496-510.2.Psychiatry Res. 2006 Jan 30;141(1):39-51.

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**