

Mouse Monoclonal Antibody to GRIK3

Catalogue Number	sAP-1595
Target Molecule	Name: GRIK3 Aliases: EAA5; GLR7; GLUR7; GluK3; GluR7a MW: 104kDa Entrez Gene ID: 2899
Description	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. It is not certain if the subunit encoded by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of delirium tremens in alcoholics.
Immunogen	Purified recombinant fragment of human GRIK3 (AA: extra 32-173) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM2B3D1
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: 1 to 200 - 1 to 1000; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Am J Med Genet A. 2014 Feb;164A(2):456-60.2.Eur Addict Res. 2013;19(1):55-9.

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**