

## Mouse Monoclonal Antibody to GRIK3

<b>Catalogue Number</b>	sAP-1623
<b>Target Molecule</b>	<p><b>Name:</b> GRIK3</p> <p><b>Aliases:</b> EAA5; GLR7; GLUR7; GluK3; GluR7a</p> <p><b>MW:</b> 104kDa</p> <p><b>Entrez Gene ID:</b> 2899</p>
<b>Description</b>	<p>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.</p>
<b>Immunogen</b>	Purified recombinant fragment of human GRIK3 (AA: extra 32-173) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM2B4H1
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Eur Addict Res. 2013;19(1):55-9.2.Psychiatr Pol. 2011 May-Jun;45(3):325-35.

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**