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anti-GRIK4 antibody (AA 21-166)



Images



Go to Product page

Overview

Quantity:	0.1 mg
Target:	GRIK4
Binding Specificity:	AA 21-166
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human GRIK4 (AA: extra 21-166) expressed in E. coli.
Clone:	8H5G5
Isotype:	lgG2b
Purification:	purified

Target Details

Target:	GRIK4
Alternative Name:	GRIK4 (GRIK4 Products)
Background:	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

Target Details

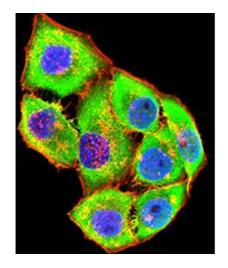
	receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring
	ionic channels with the subunits encoded by related gene family members. Alternatively spliced
	transcript variants encoding different isoforms have been found for this gene.
	Aliases: KA1, EAA1, GRIK, GluK4
Molecular Weight:	107.2 kDa
Gene ID:	2900
HGNC:	2900
Pathways:	Synaptic Membrane

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

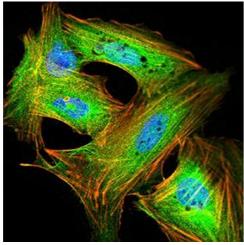
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



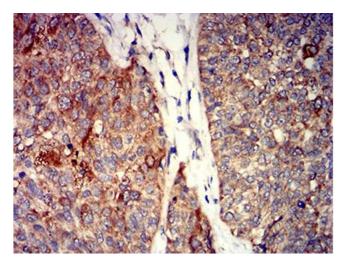
Immunofluorescence

Image 1. Immunofluorescence analysis of Hela cells using GRIK4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Immunofluorescence

Image 2. Immunofluorescence analysis of SK-N-SH cells using GRIK4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffinembedded bladder cancer tissues using GRIK4 mouse mAb with DAB staining.

Please check the product details page for more images. Overall 8 images are available for ABIN5611165.