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Datasheet for ABIN5611340
anti-GLRB antibody (AA 23-160)

5 Images

Overview

Quantity:	0.1 mg
Target:	GLRB
Binding Specificity:	AA 23-160
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (IHC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human GLRB (AA: extra 23-160) expressed in E. coli.
Clone:	3B8A8
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	GLRB
Alternative Name:	GLRB (GLRB Products)
Background:	Description: This gene encodes the beta subunit of the glycine receptor, which is a pentamer composed of alpha and beta subunits. The receptor functions as a neurotransmitter-gated ion channel, which produces hyperpolarization via increased chloride conductance due to the

Target Details

binding of glycine to the receptor. Mutations in this gene cause startle disease, also known as hereditary hyperekplexia or congenital stiff-person syndrome, a disease characterized by muscular rigidity. Alternative splicing results in multiple transcript variants.

Aliases: HKPX2

Molecular Weight: 56.1 kDa

Gene ID: 2743

HGNC: 2743

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400, IHC: N/A

Restrictions: For Research Use only

Handling

Format: Liquid

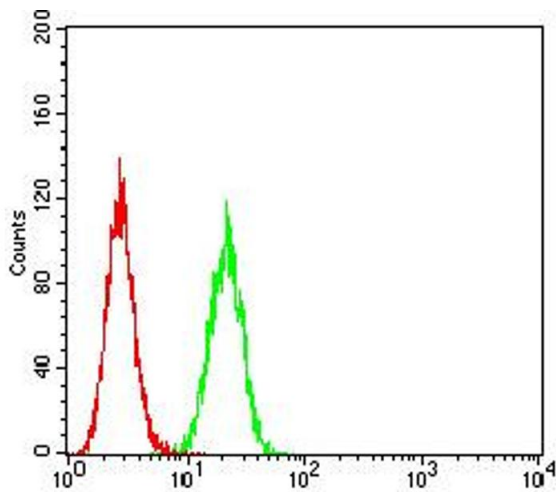
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

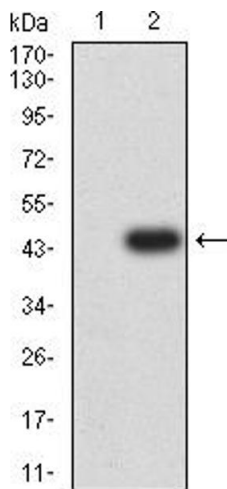
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



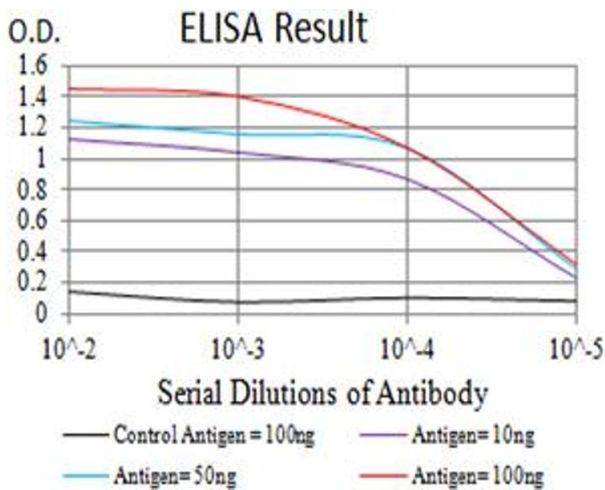
Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using GLRB mouse mAb (green) and negative control (red).



Western Blotting

Image 2. Western blot analysis using GLRB mAb against HEK293 (1) and GLRB (AA: extra 23-160)-hlgGFc transfected HEK293 (2) cell lysate.



ELISA

Image 3. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611340.