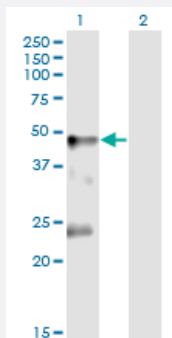


GLRA1 monoclonal antibody (M02), clone 2E7

Catalog # H00002741-M02

Size 100 ug

Applications

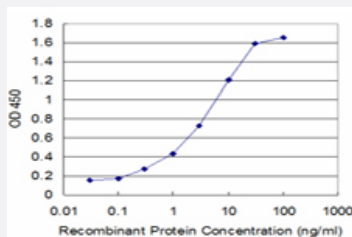


Western Blot (Transfected lysate)

Western Blot analysis of GLRA1 expression in transfected 293T cell line by GLRA1 monoclonal antibody (M02), clone 2E7.

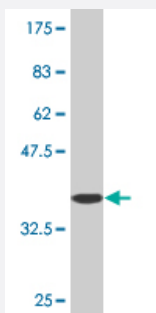
Lane 1: GLRA1 transfected lysate(51.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLRA1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GLRA1.

Immunogen	GLRA1 (NP_000162, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WKPDLFFANEKGAHFHEITTDNKLLRISRNGNVLYSIRITLTLACPMDLKNFPMQVQTCIMQLESFG YTMNDLIFEWQEQGAVQVADGLTLPQFILKEE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of GLRA1 expression in transfected 293T cell line by GLRA1 monoclonal antibody (M02), clone 2E7.

Lane 1: GLRA1 transfected lysate(51.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLRA1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GLRA1

Entrez GeneID [2741](#)

GeneBank Accession# [NM_000171](#)

Protein Accession#	NP_000162
Gene Name	GLRA1
Gene Alias	MGC138878, MGC138879, STHE
Gene Description	glycine receptor, alpha 1
Omim ID	138491 149400
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor. The receptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Two transcript variants encoding different isoforms have been found for this gene
Other Designations	OTTHUMP00000160616 glycine receptor, alpha 1 (startle disease/hyperekplexia, stiff man syndrome) startle disease/hyperekplexia stiff person syndrome

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Low Back Pain](#)
- [Mental Disorders](#)
- [Pain](#)
- [Sciatica](#)