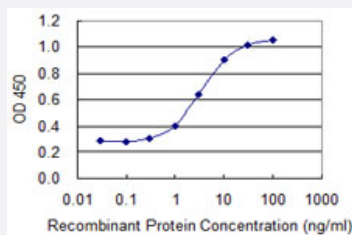


GLRA1 monoclonal antibody (M06), clone 4D9

Catalog # H00002741-M06

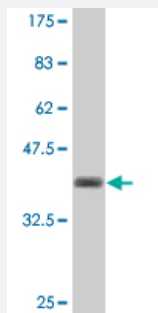
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLRA1 is 0.3 ng/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	IWKPDLFFANEKGAHFHEITTDNKLLRISRNGNVLYSIRITLTACPMDLKNFPMQVQTCIMQLESFG YTMNDLIFEWQEQGAVQVADGLTLPQFILKEE
Host	Mouse
Reactivity	Human
Isotype	IgG2b 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLRA1 is 0.3 ng/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](#)