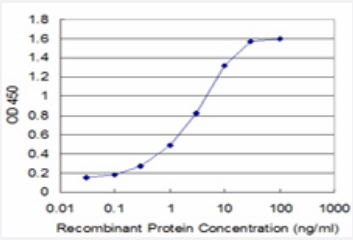
GLRA1 monoclonal antibody (M04), clone 2G4

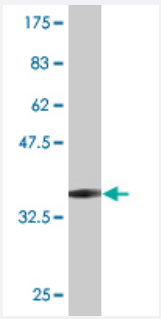
Catalog # H00002741-M04 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLRA1 is approximately 0.1ng/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	IWKPDLFFANEKGAHFHEITTDNKLLRISRNGNVLYSIRITLTLACPMDLKNFPMDVQTCIMQLESFG 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 (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged GLRA1 is approximately 0.1ng/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 rec eptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a ca use of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person s yndrome. Two transcript variants encoding different isoforms have been found for this gene
Other Designations	OTTHUMP00000160616|glycine receptor, alpha 1 (startle disease/hyperekplexia, stiff man syndr ome)|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