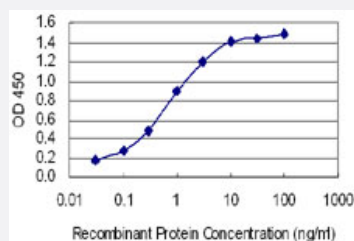


HTR2B monoclonal antibody (M01), clone 4A4

Catalog # H00003357-M01

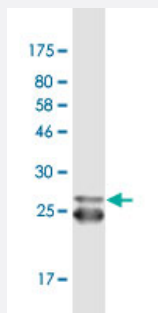
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HTR2B is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.9 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HTR2B.
Immunogen	HTR2B (NP_000858, 1 a.a. ~ 56 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MALSYRVSELQSTIPEHILQSTFVHVISSNWSGLQTESIPEEMKQVEEQGNKLHW
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (31.9 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 HTR2B is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HTR2B

Entrez GeneID

[3357](#)

GeneBank Accession#

[NM_000867](#)

Protein Accession#

[NP_000858](#)

Gene Name

HTR2B

Gene Alias

5-HT(2B), 5-HT2B

Gene Description

5-hydroxytryptamine (serotonin) receptor 2B

Omim ID

[601122](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Multiple receptor subtypes of serotonin neurotransmitters with multiple physiologic functions have been recognized. The 5-HT-2 receptors mediate many of the central and peripheral physiologic functions of serotonin. Cardiovascular effects include contraction of blood vessels and shape changes in platelets; central nervous system effects include neuronal sensitization to tactile stimuli and mediation of hallucinogenic effects of phenylisopropylamine hallucinogens.[supplied by OMIM]

Other Designations

-

Pathway

- [Calcium signaling pathway](#)
- [Gap junction](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)