

HTR2B monoclonal antibody (M09), clone 4F3

Catalog # H00003357-M09

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HTR2B.
Immunogen	HTR2B (AAH63123.1, 199 a.a. ~ 359 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VDNPNNITCVLTKERFGDFMLFGSLAAFFTPLAIMVITYFLTIALQKKAYLVKNKPPQRLTWLTVST VFQRDETPCSSPEKVAMLDGSRKDKALPNSGDETLMRRTSTIGKKSQTISNEQRASKVLGVFF LFLLMWCPFFITNITLVLCDSNQTTLQ
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — HTR2B

Entrez GeneID	3357
GeneBank Accession#	BC063123
Protein Accession#	AAH63123.1

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](#)