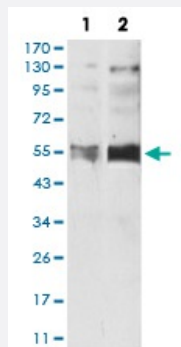


HTR3B monoclonal antibody, clone 4G6H7

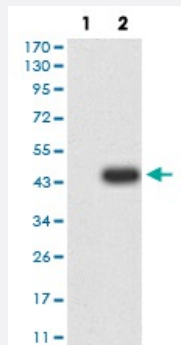
Catalog # MAB17571 Size 100 ug

Applications



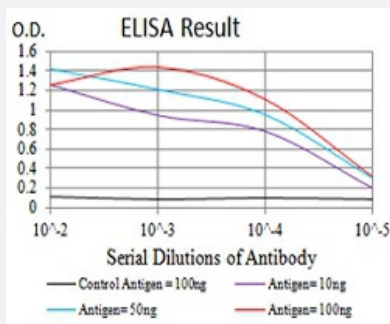
Western Blot (Cell lysate)

Western blot analysis of (1) SH-SY5Y cell, (2) Hela cell with HTR3B monoclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) HTR3B-hlgGfc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HTR3B monoclonal antibody, clone 4G6H7.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human HTR3B.

Immunogen	Recombinant protein corresponding to amino acid 23-150 of human HTR3B from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	50.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) SH-SY5Y cell, (2) Hela cell with HTR3B monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) HTR3B-hlgFc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HTR3B monoclonal antibody, clone 4G6H7.

Gene Info — HTR3B

Entrez GeneID	9177
Gene Name	HTR3B
Gene Alias	5-HT3B

Gene Description	5-hydroxytryptamine (serotonin) receptor 3B
Omim ID	604654
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit B of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. [provided by RefSeq]
Other Designations	5-hydroxytryptamine 3 receptor B subunit serotonin-gated ion channel subunit

Disease

- [Alcoholism](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
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