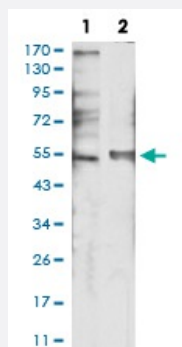


HTR3B monoclonal antibody, clone 2H9H5

Catalog # MAB17570

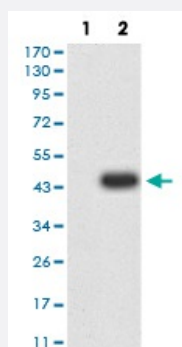
Size 100 ug

Applications



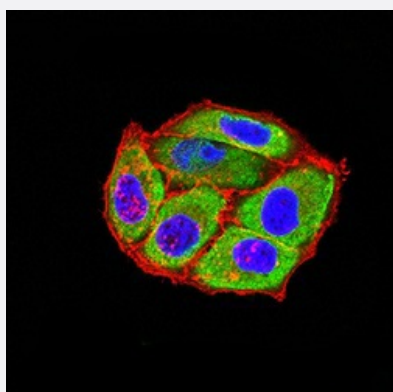
Western Blot (Cell lysate)

Western blot analysis of (1) SK-N-SH cell, (2) HeLa cell with HTR3B monoclonal antibody.



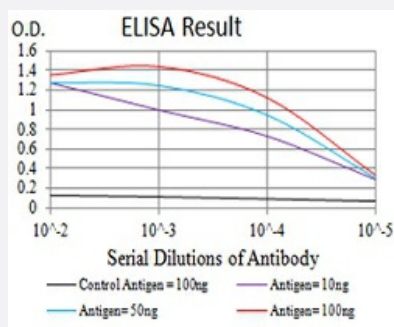
Western Blot (Transfected lysate)

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



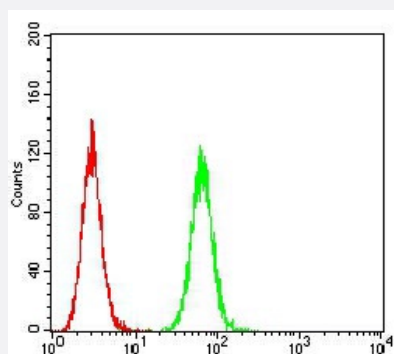
Immunocytochemistry

Immunocytochemical staining of HeLa cells with HTR3B monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HTR3B monoclonal antibody, clone 2H9H5.



Flow Cytometry

Flow cytometric analysis of Hela cells with HTR3B monoclonal antibody (green) and negative control (red).

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	IgG2b
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry (1:100-1:500) Flow Cytometry (1:200-1:400) 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) SK-N-SH 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.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with HTR3B monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of HTR3B monoclonal antibody, clone 2H9H5.

- Flow Cytometry

Flow cytometric analysis of Hela cells with HTR3B monoclonal antibody (green) and negative control (red).

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]

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