
Product Name: HTR3B Mouse Monoclonal Antibody**Catalog #: AMM81930**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	50.3kDa

Antigen Information

Gene Name	HTR3B
Alternative Names	5-HT3B
Gene ID	9177.0
SwissProt ID	O95264
Immunogen	Purified recombinant fragment of human HTR3B (AA: extra 23-150) expressed in E. Coli.

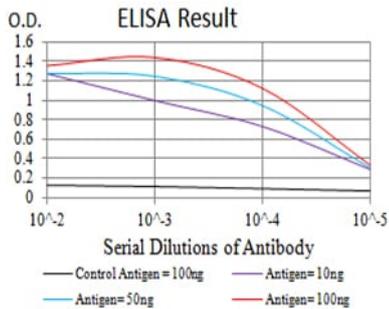
Background

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 is not functional as a homomeric

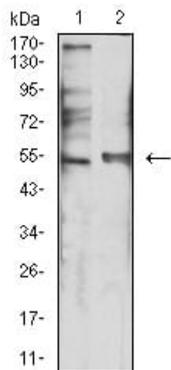
complex, but a pentaheteromeric complex with subunit A (HTR3A) displays the full functional features of this receptor.

Research Area

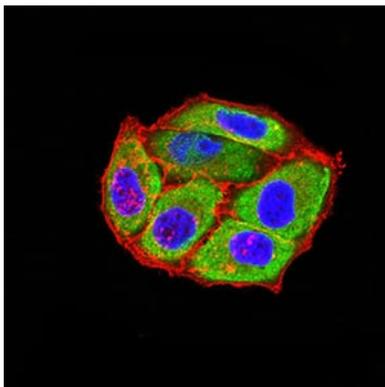
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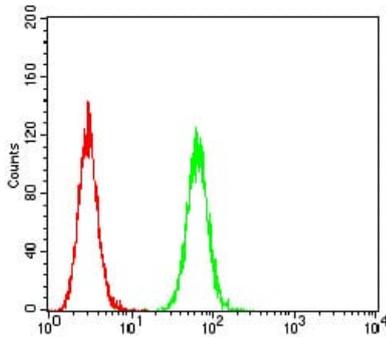
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using HTR3B mouse mAb against SK-N-SH (1) and HeLa (2) cell lysate.



Immunofluorescence analysis of HeLa cells using HTR3B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HeLa cells using HTR3B mouse mAb (green) and negative control (red).