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**Product Name: HTR3B Mouse Monoclonal Antibody****Catalog #: AMM81931**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	50.3kDa

**Antigen Information**

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

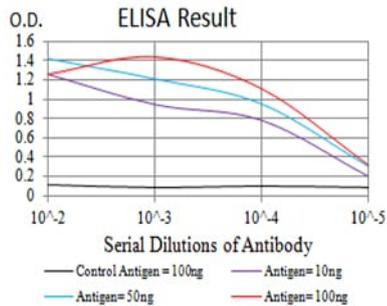
**Background**

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

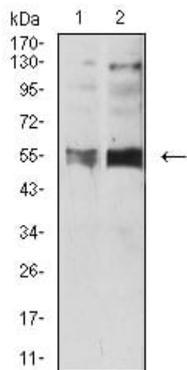
complex, but a pentaheteromeric complex with subunit A (HTR3A) displays the full functional features of this receptor.

## Research Area

## Image Data



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 SH-SY5Y (1) and HeLa (2) cell lysate.