

## Mouse Monoclonal Antibody to HTR3B

<b>Catalogue Number</b>	sAP-1626
<b>Target Molecule</b>	<b>Name: HTR3B</b> <b>Aliases: 5-HT3B</b> <b>MW: 50.3kDa</b> <b>Entrez Gene ID: 9177</b>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human HTR3B (AA: extra 23-150) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM2H9H5
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 100 - 1 to 500; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Yonsei Med J. 2015 Sep;56(5):1415-20.2.Psychiatry Res. 2014 Sep 30;219(1):235-7.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**