

Mouse Monoclonal Antibody to HTR3A

Catalogue Number	sAP-1624
Target Molecule	<p>Name: HTR3A</p> <p>Aliases: HTR3; 5HT3R; 5-HT-3; 5-HT3A; 5-HT3R</p> <p>MW: 55.3kDa</p> <p>Entrez Gene ID: 3359</p>
Description	<p>The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A 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. Alternatively spliced transcript variants encoding different isoforms have been identified.</p>
Immunogen	Purified recombinant fragment of human HTR3A (AA: extra 24-157) expressed in E. Coli.
Reactive Species	Human;
Clone	MM3B11C10
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	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: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.PLoS One. 2015 Dec 23;10(12):e0145269.2.Iran J Allergy Asthma Immunol. 2014 Feb;13(1):33-9.

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**