

## Mouse Monoclonal Antibody to GABBR2

Catalogue Number	sAP-0893
Target Molecule	<b>Name: GABBR2</b> <b>Aliases:</b> HG20; GPR51; GPRC3B; GABABR2; HRIHFB2099 <b>MW: 105.8kDa</b> <b>Entrez Gene ID: 9568</b>
Description	The multi-pass membrane protein encoded by this gene belongs to the G-protein coupled receptor 3 family and GABA-B receptor subfamily. The GABA-B receptors inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters, and the activity of ion channels and adenylyl cyclase. This receptor subunit forms an active heterodimeric complex with GABA-B receptor subunit 1, neither of which is effective on its own. Allelic variants of this gene have been associated with nicotine dependence. ; ; ;
Immunogen	Purified recombinant fragment of human GABBR2 (AA: 319-483) expressed in E. Coli.
Recitative Species	Human;
Clone	MM5G7F7;
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 <sub>2</sub> 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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Biol Chem. 2007 Feb 9;282(6):4162-71. ; 2. Genomics. 1999 Mar 15;56(3):288-95. ;

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**