

Mouse Monoclonal Antibody to ADRB2

Catalogue Number	sAP-1467
Target Molecule	Name: ADRB2 Aliases: P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha MW: 65.4kDa Entrez Gene ID: 3554
Description	This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor super-family. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This gene is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes.;
Immunogen	Purified recombinant fragment of human ADRB2 (AA: 302-413) expressed in E. Coli.
Recitative Species	Human;
Clone	MM4A6C9;
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 H2O, 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: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.World J Gastroenterol. 2015 Jun 21;21(23):7191-6. ; 2.Adv Exp Med Biol. 2015;842:247-61.;

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**