

Mouse Monoclonal Antibody to TH

Catalogue Number	sAP-1294
Target Molecule	Name: TH Aliases: TYH; DYT14; DYT5b MW: 58.6kDa Entrez Gene ID: 7054
Description	The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.;
Immunogen	Purified recombinant fragment of human TH (AA: 44-208) expressed in E. Coli.
Reactive Species	Human; Rat;
Clone	MM1B8D2;
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: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Neurosci Lett. 2014 Jan 24;559:39-43. ; 2.Biochem Biophys Res Commun. 2011 Nov 4;414(4):712-8.;

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**