

Mouse Monoclonal Antibody to TrkA

Catalogue Number	sAP-0278
Target Molecule	<p>Name: TrkA</p> <p>Aliases: NTRK1, MTC, TRK, TRK1</p> <p>MW: 87.4kDa</p> <p>Entrez Gene ID: 4914</p>
Description	TrkA, also known as NTRK1, MTC, TRK, TRK1. It is a member of the neurotrophic tyrosine kinase receptor (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date.
Immunogen	Purified recombinant extracellular fragment of human TrkA (aa33-423) fused with hIgGfc tag expressed in HEK293 cell line.
Reactive Species	Human
Clone	MM6B2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. DNA Repair (Amst). 2008 Oct 1;7(10):1757-64. ; 2. Traffic. 2008 Jul;9(7):1146-56.

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**