Product Data Sheet:
TrkA Rabbit Monoclonal Antibody

Cat. No:	MABN86871
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human TrkA
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:200,FC 1:50-1:200,IP 1:20-1:50
Molecular Weight:	Calculated MW:88 kDa; Observed MW:140 kDa
Purification:	Affinity Purification
Synonyms:	MTC; TRK; TRK1; TRKA; Trk-A; p140-TrkA
Background:	This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTKR) 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, cognitive disability and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq, Jul 2008]
Form:	Liquid
Buffer:	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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