

Cat. No:	MABN86955
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of mouse TrkB
Reactivity:	Mouse,Rat
Applications:	WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:20-1:50,IP 1:50-1:100
Molecular Weight:	Calculated MW:92 kDa; Observed MW:90-140 kDa
Purification:	Affinity Purification
Synonyms:	Tkrb; trkB; trk-B; GP145-TrkB/GP95-TrkB
Background:	Receptor tyrosine kinase involved in the development and the maturation of the central and the peripheral nervous systems through regulation of neuron survival, proliferation, migration, differentiation, and synapse formation and plasticity. Receptor for BDNF/brain-derived neurotrophic factor and NTF4/neurotrophin-4. Alternatively can also bind NTF3/neurotrophin-3 which is less efficient in activating the receptor but regulates neuron survival through NTRK2.
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.

**For Research use only
IMMUNOLOGICAL SCIENCES**