

## Anti-TrkB Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

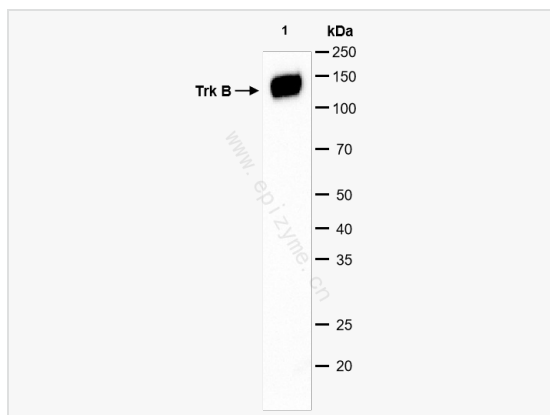
Catalog # R013722

### Product Information

Application	WB, ELISA
Reactivity	Mouse
Dilution	WB 1:1,000~1:6,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	65K11K80
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human TrkB
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at 20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TrkB Rabbit mAb [65K11K80] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	OBHD, TRKB, trk-B, GP145-TrkB
Calculated MW	Calculated MW: 120-140 kDa; Observed MW: 120-140 kDa
Primary Accession	Q16620
Gene ID	4915
Background	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]



Western Blot - Anti-TrkB Rabbit mAb [65K11K80] All lanes: R013722 at 1:6,000 dilution Lane 1: Balb/c mouse brain whole tissue lysates Lysates/proteins at 10  $\mu$ g per lane. Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution Predicted band size: 120-140 kDa Observed band size: 120-140 kDa Developed using the ECL technique (Cat. No. SQ201).