

# TrkB Mouse mAb

Catalog No.: A0487

1 Publications

## Basic Information

**Observed MW**

140kDa

**Calculated MW**

92kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IHC-P, FC

**Cross-Reactivity**

Human

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:20 - 1:50
<b>FC</b>	1:20 - 1:50

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
4915	Q16620

**Immunogen**

A synthetic peptide of human TrkB

**Synonyms**

OBHD; TRKB; DEE58; trk-B; EIEE58; GP145-TrkB; TrkB

## Contact

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## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Mouse	IgG	Affinity purification

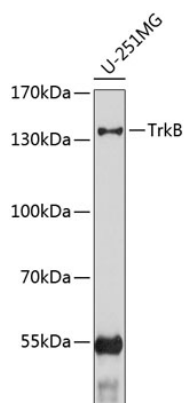
**Storage**

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH 7.3.

## Validation Data

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Western blot analysis of lysates from U-251MG cells, using TrkB Mouse mAb (A0487) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.