

Datasheet: VMA00154

**BATCH NUMBER 240615**

<b>Description:</b>	MOUSE ANTI NTRK3
<b>Specificity:</b>	NTRK3
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI24B3
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography from ascites.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	Full length protein expressed in 293T cell transfected with human NTRK3 expression vector

**External Database  
Links**

**UniProt:**

[Q16288](#)

[Related reagents](#)

**Entrez Gene:**

[4916](#)

NTRK3

[Related reagents](#)

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**Synonyms**

TRKC

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**Specificity**

**Mouse anti Human NTRK3 antibody, clone OT124B3** recognizes the NTRK3 growth factor receptor, also known as ETS related protein-neurotrophic receptor tyrosine kinase fusion protein, ETV6-NTRK3 fusion, GP145-TrkC, NT-3 growth factor receptor and tyrosine kinase receptor C.

The NTRK3 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 and may play a role in the development of proprioceptive neurons that sense body position. Mutations in NTRK3 have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for NTRK3 (provided by RefSeq, Jul 2011).

Mouse anti Human NTRK3 antibody detects a band of 100 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti NTRK3 detects a band of approximately 100 kDa in Mouse brain cell lysates.

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10048 available at:  
<https://www.bio-rad-antibodies.com/SDS/VMA00154>  
Antibody (10048)

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

**North & South  
America**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M369947:200529'

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