

Datasheet: VMA00920

Description:	MOUSE ANTI VPS26A
Specificity:	VPS26A
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB03/1G5
Isotype:	IgG2b
Quantity:	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.

	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.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - Liquid

Preparation

Mouse monoclonal antibody affinity purified on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein of amino acids 1-327 of human VPS26A
External Database Links	<p>UniProt: O75436 Related reagents</p> <p>Entrez Gene: 9559 VPS26A Related reagents</p>
Synonyms	VPS26
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	<p>Mouse anti VPS26A antibody recognizes vacuolar protein sorting-associated protein 26A, also known as VPS26.</p> <p>VPS26A interacts with VPS35 and VPS29 and to form the retromer complex, involved in recycling proteins via retrograde transport from endosomes to the trans-Golgi network (Lucas et al. 2016). In mammals, the ortholog of VPS26A is VPS26B, and the exact role of each within the retromer complex is yet to be eluded. Correct retromer function is important for neuronal health, and defects appear to contribute to pathogenesis of Parkinson's Disease and Alzheimer's Disease (Reitz 2017). VPS26A also appears to be involved with regulating the stemness of embryonic stem cells during neurogenesis (Choi et al. 2018).</p>
Western Blotting	Mouse anti VPS26A detects a band of approximately 37 kDa in K562 cell lysates
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

Europe Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M394700:220215'

Printed on 07 Feb 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)