

Datasheet: VMA00546

BATCH NUMBER 170420

Description:	MOUSE ANTI RAP1A/B
Specificity:	RAP1A/B
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB01/2C6.10.4
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 purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	<i>E. coli</i> -derived recombinant human RAP1A/B (amino acids 1 - 184)
External Database Links	<p>UniProt:</p> <p>P62834 Related reagents</p> <p>P61224 Related reagents</p> <p>Entrez Gene:</p> <p>5906 RAP1A Related reagents</p> <p>5908 RAP1B Related reagents</p>
Synonyms	KREV1
Specificity	<p>Mouse anti Human RAP1A/B antibody recognizes the Ras-related protein Rap-1b, also known as GTP-binding protein smg p21B, Ras family small GTP binding protein RAP1B or small GTP binding protein.</p> <p>RAP1B gene encodes a member of the RAS-like small GTP-binding protein superfamily. Members of this family regulate multiple cellular processes including cell adhesion and growth and differentiation. This protein localizes to cellular membranes and has been shown to regulate integrin-mediated cell signaling. This protein also plays a role in regulating outside-in signaling in platelets. Alternate splicing results in multiple transcript variants. Pseudogenes of RAP1B are found on chromosomes 3, 5, 6 and 9 (provided by RefSeq, Oct 2011).</p> <p>Mouse anti Human RAP1A/B antibody detects a band of 21 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti RAP1A/B detects a band of approximately 21 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	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00546</p> <p>Antibody (10040)</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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
'M370270:200529'

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