

Datasheet: VMA00968

BATCH NUMBER 100005823

Description:	MOUSE ANTI RNF20
Specificity:	RNF20
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB06/4F9
Isotype:	IgG2a
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
Immunoprecipitation	▪			
Western Blotting	▪			1/2000

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	<p>Reacts with: Mouse, Rat</p> <p>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.</p>
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 1-526 of human RNF20
External Database Links	<p>UniProt: Q5VTR2 Related reagents</p> <p>Entrez Gene: 56254 RNF20 Related reagents</p>
Synonyms	BRE1A
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 RNF20 antibody recognizes E3 ubiquitin-protein ligase BRE1A, also known as BRE1A. RNF20 is a RING domain E3 ubiquitin ligase and mediates ubiquitin transfer to target proteins. RNF20 plays many roles in transcription, cell division, heat shock responses, and adipogenesis (Jeon et al. 2020). In development, RNF20 is essential for plasticity of embryonic stem cells and controls astrocyte differentiation during brain development (Liang et al. 2018). Alterations in the gene encoding RNF20 have been identified in a variety of human cancers including breast, lung and prostate cancer, clear cell renal cell carcinoma and mixed lineage leukemia. Reduced expression of RNF20 appears to be linked to genome instability, and RNF20 appears to act as a tumor suppressor in cancer types driven by chronic inflammation (Sethi et al. 2018).</p>
Western Blotting	Mouse anti RNF20 detects a band of approximately 120 kDa in HEK293 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: https://www.bio-rad-antibodies.com/SDS/VMA00968 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

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Printed on 10 Apr 2024

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