

Datasheet: VMA00869

BATCH NUMBER 157716

Description:	MOUSE ANTI GRB2
Specificity:	GRB2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	32F3-G7
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
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 A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant human GRB2
External Database Links	<p>UniProt: P62993 Related reagents</p> <p>Entrez Gene: 2885 GRB2 Related reagents</p>
Synonyms	ASH
Specificity	<p>Mouse anti Human GRB2 antibody recognizes the Growth factor receptor-bound protein 2, also known as HT027, SH2/SH3 adapter GRB2, abundant SRC homology or epidermal growth factor receptor-binding protein GRB2.</p> <p>The protein encoded by GRB2 gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. GRB2 is similar to the Sem5 gene of <i>C.elegans</i>, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for GRB2 (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human GRB2 antibody detects a band of 25 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti GRB2 detects a band of approximately 25 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/VMA00869 10040
Regulatory	For research purposes only

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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
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