

Datasheet: VMA00532

BATCH NUMBER 170420

| | |
|----------------------|------------------------|
| Description: | MOUSE ANTI BIRC2 |
| Specificity: | BIRC2 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Clone: | AB01/3B4 |
| 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 |
| 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) |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | <i>E. coli</i> -derived recombinant human BIRC2 (amino acids 1 - 618) |

External Database**Links****UniProt:**[Q13490](#)[Related reagents](#)**Entrez Gene:**[329](#)

BIRC2

[Related reagents](#)

Synonyms

API1, IAP2, MIHB, RNF48

Specificity

Mouse anti Human BIRC2 antibody recognizes the baculoviral IAP repeat-containing protein 2, also known as IAP homolog B, cIAP1, RING finger protein 48, TNFR2-TRAF-signaling complex protein 2, apoptosis inhibitor 1 or inhibitor of apoptosis protein 2.

The protein encoded by BIRC2 gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. Alternatively spliced transcript variants encoding different isoforms have been found for BIRC2 (provided by RefSeq, Jan 2012).

Mouse anti Human BIRC2 antibody detects a band of 70 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti BIRC2 detects a band of approximately 70 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:
<https://www.bio-rad-antibodies.com/SDS/VMA00532>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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