

Datasheet: VMA00668

BATCH NUMBER 170508

Description:	MOUSE ANTI RETINOBLASTOMA GENE PROTEIN
Specificity:	RETINOBLASTOMA GENE PROTEIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	IgG1
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)
Immunogen	Partial recombinant of human retinoblastoma gene protein
External Database Links	UniProt: P06400 Related reagents

Entrez Gene:

[5925](#) RB1 [Related reagents](#)

Specificity **Mouse anti Human retinoblastoma gene protein antibody** recognizes retinoblastoma gene protein, also known as retinoblastoma associated protein, RB transcriptional corepressor 1 and retinoblastoma susceptibility protein.

The protein encoded by RB1 is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in RB1 are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma (provided by RefSeq, Jul 2008).

Mouse anti Human retinoblastoma gene protein antibody detects a band of 110 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Mouse anti retinoblastoma gene protein antibody detects a band of approximately 110 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/VMA00668>
Antibody (10040)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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