

Datasheet: VMA00463

BATCH NUMBER 160801

Description:	MOUSE ANTI RIG-I
Specificity:	RIG-I
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI6C1
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
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant protein of human RIG-I produced in HEK293T cell

External Database
Links

UniProt:

[O95786](#)

[Related reagents](#)

Entrez Gene:

[23586](#)

DDX58

[Related reagents](#)

Specificity

Mouse anti Human RIG-I antibody recognizes RIG-I, also known as DEAD box protein 58, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide or retinoic acid-inducible gene 1 protein.

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. DDX58 encodes a protein containing [RNA helicase-DEAD box protein motifs](#) and two caspase recruitment domains ([CARD](#)). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response. (provided by RefSeq, Jul 2008).

Mouse anti Human RIG-I antibody detects a band of 114 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti RIG-I detects a band of approximately 114 kDa in Jurkat cell lysate

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 #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/VMA00463>
Antibody (10048)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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