

## Datasheet: VMA00463

<b>Description:</b>	MOUSE ANTI RIG-I
<b>Specificity:</b>	RIG-I
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI6C1
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	Full length recombinant protein of human RIG-I produced in HEK293T cell
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

[23586](#)   DDX58   [Related reagents](#)

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**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.

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

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**Storage**      Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**      12 months from date of despatch

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**Acknowledgements**      PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**      Material Safety Datasheet documentation #10048 available at: Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

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**Regulatory**      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)  
'M370211:200529'

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