

Datasheet: VMA00635

Description:	HUMAN ANTI DDX58
Specificity:	DDX58
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AbD28461
Isotype:	HuCAL Fab bivalent
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	Human monoclonal antibody purified by metal chelate affinity chromatography from <i>E. coli</i> extract.
Source	E.coli
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 DDX58

External Database**Links****UniProt:**[O95786](#)[Related reagents](#)**Entrez Gene:**[23586](#)

DDX58

[Related reagents](#)

Specificity

Human anti Human DDX58 antibody recognizes DEAD box protein 58, also known as the probable ATP-dependent RNA helicase DDX58, DEAD/H box polypeptide and RNA helicase RIG-I.

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 a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response (provided by RefSeq, Jul 2008).

Human anti Human DDX58 antibody detects a band of 102 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Human anti DDX58 antibody detects a band of approximately 102 kDa in THP-1 cells stimulated for 16 hrs with lipopolysaccharide (LPS).

Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the protein. Storage in frost-free freezers is not recommended.

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/VMA00635>
Antibody (10040)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Human IgG F(ab')₂ (STAR126...) [HRP](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

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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