

Datasheet: AHP1717T

BATCH NUMBER 155491

Description:	RABBIT ANTI MD-2
Specificity:	MD-2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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
Immunohistology - Paraffin (1)	■			2ug/ml
Western Blotting	■			0.5 - 2.0ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to MD-2 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	A peptide corresponding to amino acids near the middle of human MD-2.
External Database Links	<p>UniProt:</p> <p>Q9Y6Y9 Related reagents</p> <p>Q56DL5 Related reagents</p> <p>Q9JHF9 Related reagents</p> <p>Entrez Gene:</p> <p>23643 LY96 Related reagents</p> <p>17087 Ly96 Related reagents</p>
Synonyms	Esop1, ESOP1, Md2, MD2
RRID	AB_2138091
Specificity	Rabbit anti MD-2 antibody recognizes MD-2, a member of the Toll/interleukin-1 receptor (TIR) family, a group of proteins which include Toll like receptors. TLR4 requires the binding of MD-2 to its extracellular region for best response to bacterial LPS. MD-2 also enhances TLR4-dependent activation of NF-kappa-beta and cooperates with TLR2 in the response to cell wall components from bacteria.
Histology Positive Control Tissue	Rat spleen.
Western Blotting	AHP1717T detects a band of approximately 26kDa in mouse spleen cell lysate
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at:</p> <p>https://www.bio-rad-antibodies.com/SDS/AHP1717T</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

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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

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