

Datasheet: MCA6343

BATCH NUMBER 157606

Description:	RABBIT ANTI MyD88
Specificity:	MyD88
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM306
Isotype:	IgG
Quantity:	0.1 ml

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	▪			1/100 - 1/250
Western Blotting	▪			1/100 - 1/200

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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to the N-terminus of human MyD88
External Database	UniProt:

Entrez Gene:**Specificity**

Rabbit anti MyD88 antibody recognizes myeloid differentiation primary response protein MyD88.

MyD88 is a central adaptor protein for inflammatory signaling downstream of Toll-like receptors and interleukin-1 receptors at the plasma membrane or in endosomes. Signaling through MyD88 can lead to inflammatory or anti-inflammatory cytokine production and type I interferon production ([Dequine and Barton 2014](#)). Mutations in MyD88 lead to constitutive activation of NF-kappaB and associated pathways. This activation underlies the B-cell proliferation and survival within B-cell lymphomas and accounts for the role of MyD88 as an oncogenic driver ([de Groen et al. 2019](#)). Deficiency in MyD88 has been shown to result in increased susceptibility to injury and infection in the cornea and other tissues ([Reins et al. 2017](#)).

Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6343>
10048

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](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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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)

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