

Rabbit Myeloid differentiation primary response protein MyD88 Polyclonal Antibody | anti-MYD88 antibody

Anti-MyD88 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46031	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

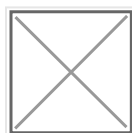
PRODUCT SYNONYMS

Myeloid differentiation primary response protein MyD88; Polyclonal Antibody; Anti-MyD88 Antibody; MYD 88 antibody; Myd88 antibody; MYD88_HUMAN antibody; MYD88D antibody; Myeloid differentiation marker 88 antibody; Myeloid differentiation primary response gene 88 antibody; Myeloid differentiation primary response gene antibody; Myeloid differentiation primary response protein MyD88 antibody; OTTHUMP00000161718 antibody; OTTHUMP00000208595 antibody; OTTHUMP00000209058 antibody; OTTHUMP00000209059 antibody; OTTHUMP00000209060 antibody; myeloid differentiation primary response 88; anti-MYD88 antibody

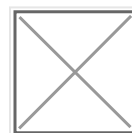
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	159
Applicable Applications for anti-MYD88 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human MyD88 recombinant protein (Position: A44-F264). Human MyD88 shares 84% and 83% amino acid (aa) sequences identity with mouse and rat MyD88, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-MyD88 Picoband antibody, AAA46031-5.JPGIHC(P): Mouse Spleen Tissue

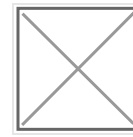

IHC (Immunohistochemistry)

Anti-MyD88 Picoband antibody, AAA46031-4.JPGIHC(P): Human Intestinal Cancer Tissue



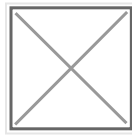
IHC (Immunohistochemistry)

Anti-MyD88 Picoband antibody, AAA46031-3.JPGIHC(P): Rat Lung Tissue



Application Data

Anti-MyD88 Picoband antibody, AAA46031-2.jpgAll lanes: Anti MYD88 (AAA46031) at 0.5ug/mlLane 1: Rat Cardiac Muscle Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: MCF Whole Cell Lysate at 40ugLane 4: HEPG2 Whole Cell Lysate at 40ugLane 5: JURKAT Whole Cell Lysate at 40ugLane 6: RAJI Whole Cell Lysate at 40ugPredicted bind size: 33KDObserved bind size: 33KD



Application Data

Anti-MyD88 Picoband antibody, AAA46031-1.jpgAll lanes: Anti MYD88 (AAA46031) at 0.5ug/mlWB: Recombinant Human MYD88 Protein 0.5ngPredicted bind size: 49KDObserved bind size: 49KD

ADDITIONAL INFORMATION

Related Product Information for anti-MYD88 antibody

Description: Rabbit IgG polyclonal antibody for Myeloid differentiation primary response protein MyD88(MYD88) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Background: MYD88(MYELOID DIFFERENTIATION PRIMARY RESPONSE GENE 88), is a protein that, in humans, is encoded by the MYD88 gene. MyD88 is a key downstream adapter for most Toll-like receptors (TLRs) and interleukin-1 receptors (IL1Rs). And it is mapped on 3p22.2. MYD88 encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. Overexpression of MYD88 caused an increase in the level of transcription from the interleukin-8 promoter. The C-terminal domain of MYD88 has significant sequence similarity to the cytoplasmic domain of IL1RAP. Inhibiting the IL1R-MYD88 pathway in vivo could block the damage from acute inflammation that occurs in response to sterile cell death, and do so in a way that might not compromise tissue repair or host defense against pathogens.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289546500
NCBI GeneID	4615
NCBI Accession #	NP_001166037.1
NCBI GenBank Nucleotide #	NM_001172566.1
UniProt Accession #	Q99836 ; P78397 ; Q53XS7 ; B4DKH8 ; B4DKU4 ; B4DQ60 ; B4DQ72 ; J3KPU4 ; J3KQ87 ; J3KQJ6
Molecular Weight	34,097 Da
NCBI Official Full Name	myeloid differentiation primary response protein MyD88 isoform 5
NCBI Official Synonym Full Names	myeloid differentiation primary response 88
NCBI Official Symbol	MYD88
NCBI Official Synonym Symbols	MYD88D
NCBI Protein Information	myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene (88)
UniProt Protein Name	Myeloid differentiation primary response protein MyD88
UniProt Gene Name	MYD88
UniProt Entry Name	MYD88_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myeloid-differentiation-primary-response-protein-myd88-antibody-immunohistochemistry-western-blot-elisa/46031>