

Rabbit MyD88 Polyclonal Antibody | anti-MYD88 antibody

Anti-MyD88 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45041	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

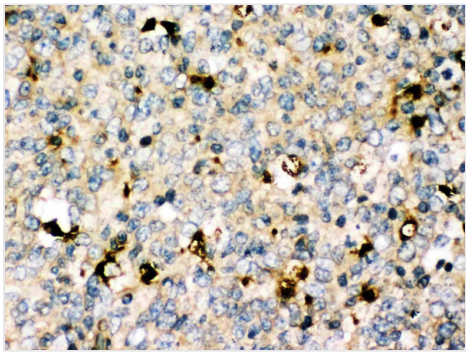
PRODUCT SYNONYMS

MyD88; Polyclonal Antibody; Anti-MyD88 antibody; Myeloid differentiation primary response protein MyD88; myeloid differentiation primary response gene(88); MYD88 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; anti-MYD88 antibody

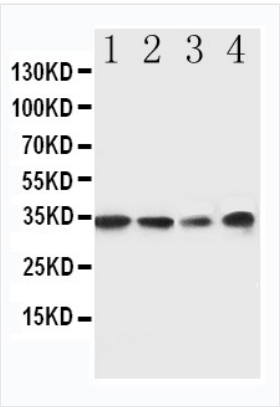
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	296
Applicable Applications for anti-MYD88 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human MyD88 (174-188aa FVQEMIRQLEQTNYR), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
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 antibody, AAA45041, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-MyD88 antibody, AAA45041, Western blottingLane 1: Rat Spleen Tissue LysateLane 2: Rat Thymus Tissue LysateLane 3: JURKAT Cell LysateLane 4: RAJI Cell Lysate

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. Qverexpression 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18202671
NCBI GeneID	4615
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
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.