

Rabbit anti-Human, Mouse MYD88 Polyclonal Antibody | anti-MYD88 antibody

MYD88 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305844	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

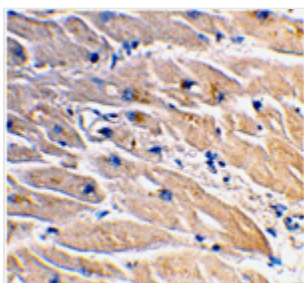
PRODUCT SYNONYMS

MYD88; Polyclonal Antibody; MYD88 Antibody; anti-MYD88 antibody

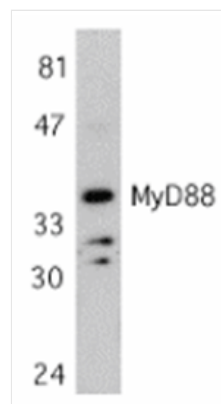
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	2682
Applicable Applications for anti-MYD88 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 233 to 248 of human MyD88, which differ from those of mouse by two amino acids.
Target Name	MYD88
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human heart tissue using MyD88 antibody at 2 ug/mL.


WB (Western Blot)

Western blot analysis of MyD88 in Jurkat whole cell lysate with MyD88 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MYD88 antibody	The pro-inflammatory cytokine IL-1 induced cellular response requires IL-1 receptor complex including IL-1RI and IL-1RAcP. Recently, MyD88 was identified as an adapter molecule in the IL-1 signaling pathway. MyD88 associates with and recruits IRAK to the IL-1 receptor complex in response to IL-1 treatment and dominant negative form of MyD88 attenuates IL-1R-mediated NF-kB activation. MyD88 is also employed as a regulator molecule by IL-18 receptor and human Toll receptor, which are members in the Toll/IL-1R family of receptors. Targeted disruption of the MyD88 gene results in lose of cellular responses to IL-1 and IL-18, and MyD88-deficient mice lack responses to bacterial product LPS that employs Toll-like receptors 2 and 4 (TLR2 and TLR4) as the signaling receptors. MyD88 is a general adapter protein for the Toll/IL-1R family of receptors and plays an important role in the inflammatory response induced by cytokines IL-1 and IL-18 and endotoxin. MyD88 gene is expressed in many tissues.
Product Categories/Family for anti-MYD88 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	1763090
NCBI GeneID	4615
UniProt Accession #	U70451; Q99836
NCBI Official Full Name	Human myleoid differentiation primary response protein MyD88 mRNA, complete cds
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

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://www.aaabiotech.com/polyclonal/myd88-antibody-immunohistochemistry-western-blot-elisa/305844>