

Rabbit MyD88 Polyclonal Antibody | anti-MYD88 antibody

MyD88 Antibody (Center)

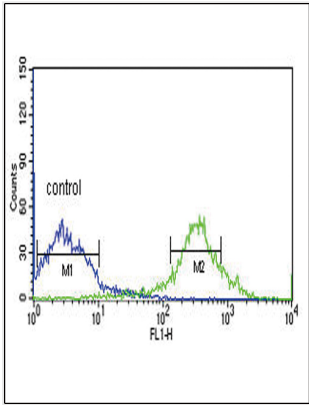
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287519	Rabbit	Human, mouse (Predicted Reactivity: Monkey)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

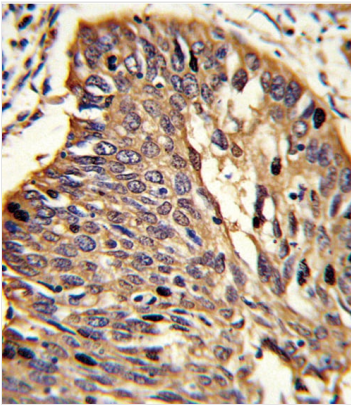
MyD88; Polyclonal Antibody; MyD88 Antibody (Center); Myeloid differentiation primary response protein MyD88; MYD88; anti-MYD88 antibody

PRODUCT SPECIFICATIONS

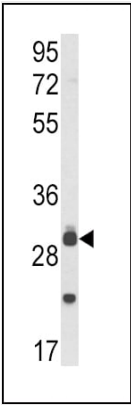
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MyD88 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-164 amino acids from the Central region of human MyD88.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	136-164
Sequence Length	304
Applicable Applications for anti-MYD88 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



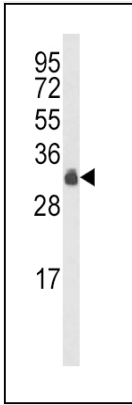
FCM/FACS (Flow Cytometry)
MyD88 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with MyD88 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MyD88 Antibody (Center) in HepG2 cell line lysates (35ug/lane). MyD88 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of MyD88 Antibody (Center) in mouse lung tissue lysates (35ug/lane). MyD88 (arrow) was detected using the purified Pab.(2ug/ml)

ADDITIONAL INFORMATION

Related Product Information for anti-MYD88 antibody	Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. It acts via IRAK1, IRAK2 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response and increases IL-8 transcription. It may be involved in myeloid differentiation.
Product Categories/Family for anti-MYD88 antibody	Cardiovascular; Immunology; Signal Transduction
References	Bannon,C., et.al., Biochem. J. 423 (1), 119-128 (2009) Burns,K., et.al., J. Biol. Chem. 273 (20), 12203-12209 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	289546500
NCBI GeneID	4615
NCBI Accession #	NP_001166037.1; NP_001166039.1; NP_001166040.1; NP_002459.2
NCBI GenBank Nucleotide #	NM_001172566.1
UniProt Accession #	Q99836; P78397; Q53XS7; B4DKH8; B4DKU4; B4DQ60; B4DQ72; J3KPU4; J3KQ87; J3KQJ6
Molecular Weight	33233

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
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://www.aaabiotech.com/polyclonal/myd88-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287519>