

Mouse anti-Human MYD88 Monoclonal Antibody | anti-MYD88 antibody

MYD88 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48115	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

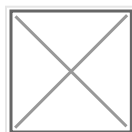
PRODUCT SYNONYMS

MYD88; Monoclonal Antibody; MYD88 antibody; Myeloid differentiation primary response protein MyD88; MYD88D; anti-MYD88 antibody

PRODUCT SPECIFICATIONS

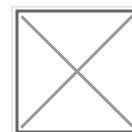
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	AT22F11
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	309
Applicable Applications for anti-MYD88 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human MYD88 (1-309aa) purified from E. coli
Clone Note	Anti-human MYD88 mAb, clone AT22F11, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human MYD88 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of MYD88 in A549 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human MYD88 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates of Raji (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human MYD88 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-MYD88 antibody	Myeloid differentiation primary response gene 88 (MYD88) is adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. Acts via IRAK1, IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. This protein increases IL-8 transcription. It is involved in IL-18-mediated signaling pathway. MYD88 activates IRF1 resulting in its rapid migration into the nucleus to mediate an efficient induction of IFN-beta, NOS2/INOS, and IL12A genes.
Product Categories/Family for anti-MYD88 antibody	Signal Transduction
References	Bonnert TP, et al. (January 1997). FEBS Letters 402 (1): 81-4.; Lord KA, et al. (1990). Oncogene 5 (7): 1095-7.; Arancibia SA, et al. (2007). Biological research 40 (2): 97-112.

NCBI AND UNIPROT INFORMATION

NCBI GI #	197276654
NCBI GeneID	4615
NCBI Accession #	NP_002459
NCBI GenBank Nucleotide #	NM_002468.4
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 2
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

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/monoclonal/myd88-antibody-clone-at22f11-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48115>