

Goat MYD88 Polyclonal Antibody | anti-MYD88 antibody

Goat anti-MYD88 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13652	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

MYD88; Polyclonal Antibody; Goat anti-MYD88 Antibody; Goat Anti-MYD88; Biotinylated Antibody; myeloid differentiation primary response gene (88); MYD88D; myeloid differentiation primary response gene 88; MYD88 antibody; myeloid differentiation primary response gene (88) antibody; MYD88D antibody; myeloid differentiation primary response gene 88 antibody; anti-MYD88 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	IKYKAMKKEF P
Sequence Length	317
Applicable Applications for anti-MYD88 antibody	ELISA (Peptide ELISA), WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	Peptide ELISA: antibody detection limit dilution 1:128000. Western blot: Approx 28kDa band observed in Human Spleen lysates (calculated MW of 28.3kDa according to NP_001166039.2). Recommended concentration: 0.3-0.5?g/ml. Primary incubation1 hour at room temperature. IHC: Paraffin embedded Human Tonsil. Recommended concentration: 4-6?g/ml. Immunofluorescence: Strong expression of the protein seen in U2OS and Jurkat cells. Recommended concentration: 10?g/ml. Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.
Immunogen	Peptide with sequence C-IKYKAMKKEFP, from the internal region of the protein sequence according to NP_001166038.1; NP_002459.2; NP_001166039.1.
Note	This antibody is expected to recognize reported isoforms 1, 2, 3 and 9
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml)



Application Data

Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



Application Data

6ug/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Application Data

AAA13652) (0.5µg/ml) staining of Human Spleen lysate (35µg protein in RIPA buffer). Detected by chemiluminescence

NCBI AND UNIPROT INFORMATION

NCBI GI #	289546503
NCBI GeneID	4615
NCBI Accession #	NP_001166038.1; NP_002459.2; NP_001166039.1
NCBI GenBank Nucleotide #	NM_001172567.1
NCBI Official Full Name	myeloid differentiation primary response protein MyD88 isoform 1
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.