Datasheet for ABIN185362

anti-MYD88 antibody (Internal Region)

16 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	MYD88
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MYD88 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	MYD88
Immunogen:	Peptide with sequence C-IKYKAMKKEFP, from the internal region of the protein sequence according to NP_002459.1.
Sequence:	IKYKAMKKEF P
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoforms 1, 2, 3 and 9.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade:	Verified

Target Details

Target:	MYD88
Alternative Name:	MYD88 (MYD88 Products)
Background:	MYD88, myeloid differentiation primary response gene (88), MYD88D, myeloid differentiation primary response gene 88
Molecular Weight:	33.2kDa
Gene ID:	4615, 17874, 301059
NCBI Accession:	NP_001166038, NP_002459, NP_001166039
Pathways:	NF-kappaB Signaling, TLR Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 4-6 µg/mL. Western Blot: Approx 28 kDa band observed in Human Spleen lysates (calculated MW of 28.3 kDa according to NP_001166039.2). Recommended concentration: 0.3-0.5 µg/mL. Primary incubation1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in U2OS and Jurkat cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

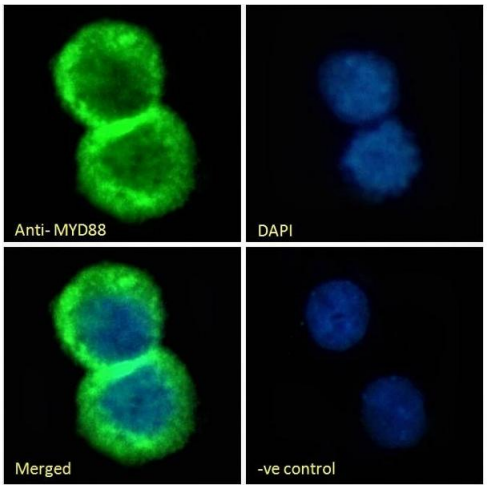
Handling

Format:	Liquid
Concentration:	0.5 mg/mL

Handling

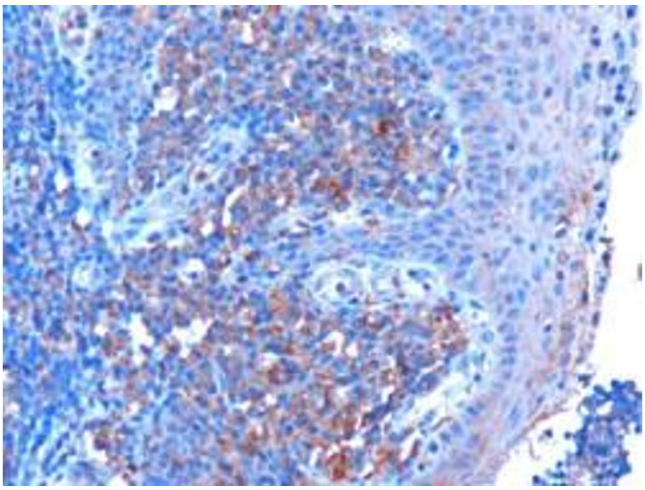
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunofluorescence

Image 1. (ABIN185362) Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI



Immunohistochemistry

Image 2. ABIN185362 (3µg/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with citrate buffer pH6, HRP-staining.

Western Blotting

Image 3. ABIN185362 staining (0.03µg/ml) of human thymus lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Please check the product details page for more images. Overall 16 images are available for ABIN185362.