Anti-MYD88 antibody (Internal) (STJ70667)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC/IF/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog

PRODUCT PROPERTIES

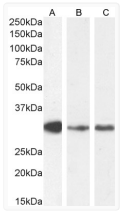
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 28kDa band observed in Human Spleen lysates (calculated MW of 28.3kDa according to NP_001166039.2). Recommended concentration: 0.3-0.5µg/ml. Primary incubation1 hour at room te
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at-20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

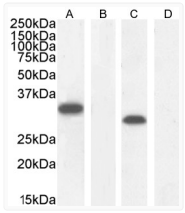
Gene ID	4615
Gene Symbol	MYD88
UniProt ID	MYD88_HUMAN
Immunogen Region	Internal
Immunogen Sequence	IKYKAMKKEFP
Specificity	This antibody is expected to recognize reported isoforms 1, 2, 3 and 9.

ADDITIONAL INFORMATION

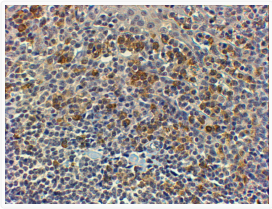
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



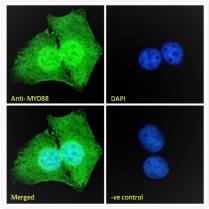
STJ70667 (0. 2µg/ml) staining of HumanThymus (A) and (0. 1ug/ml) Human Spleen (B) and Mouse Thymus © lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



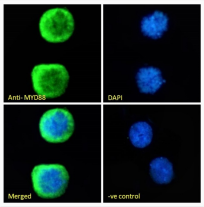
STJ70667 (0. 1µg/ml) staining of Human Lymph node 1 (A) + peptide (B) , and Lymph node 2 (C) + peptide (D) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



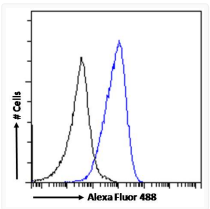
STJ70667 (4µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. These results could not been obtained after antigen retrieval at pH6 with this batch of antibody.



STJ70667 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).



STJ70667 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 strong cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70667 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.