

## Anti-MYD88 antibody (60-309) (STJ114899)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

### PRODUCT PROPERTIES

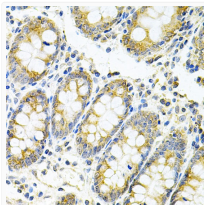
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 33kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

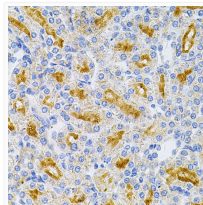
Gene ID	<a href="#">4615</a>
Gene Symbol	<a href="#">MYD88</a>
UniProt ID	<a href="#">MYD88_HUMAN</a>
Immunogen Region	60-309
Immunogen Sequence	WTALAEEMDFEYLEIRQLET QADPTGRLLDAWQGRPGASV GRLLLELLTKLGRDDVLEELG PSIEEDCQKYILKQQQEEAE KPLQVAAVDSSVPRTAELAG ITLDDPLGHMPERFDFAFC YCPSDIQFVQEMIRQLEQTN YRLKLCVSDRDVLPGTCVWS IASELIEKRCRRM VVVVSD YLSQKCEDFQTKFALSLSLSPG AHQKRLIPIKYKAMKKEFPS ILRFITVCDYTNPCTKSWF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 60-309 of human MyD88 (NP_002459.2).

### ADDITIONAL INFORMATION

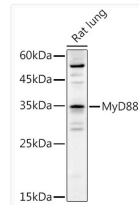
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



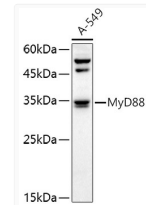
Immunohistochemistry analysis of paraffin-embedded human colon using MyD88 Antibody (STJ114899) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using MyD88 Antibody (STJ114899) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Rat lung, using MyD88 antibody (STJ114899) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Western blot analysis of extracts of A-549 cells, using MyD88 antibody (STJ114899) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.