

Product datasheet for **TA336449**

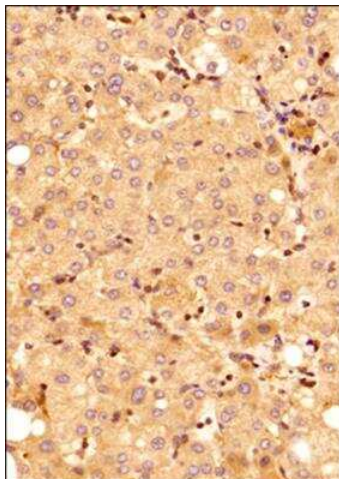
MYD88 Rabbit Polyclonal Antibody

Product data:

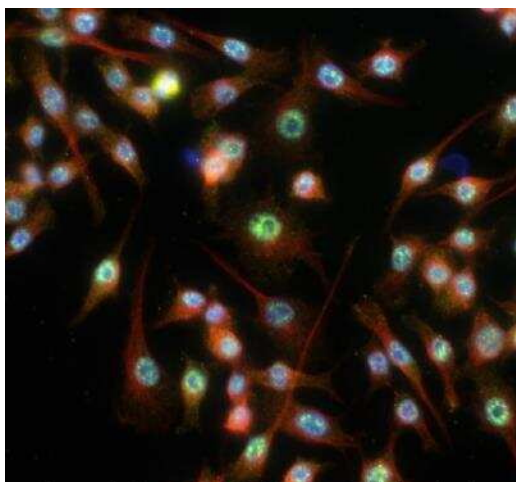
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Immunocytochemistry/ Immunofluorescence: 1:100, Immunohistochemistry-Paraffin: 2-5 ug/ml, Immunohistochemistry: 2-5 ug/ml, Western Blot: 0.5-2 ug/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A peptide corresponding to amino acid residues 233-248 of human MyD88.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	myeloid differentiation primary response 88
Database Link:	NP_002459 Entrez Gene 17874 Mouse Entrez Gene 301059 Rat Entrez Gene 4615 Human Q99836
Background:	MyD88, a protein involved in interleukin-1 (IL-1) mediated signalling was originally isolated as myeloid differentiation primary response gene (3,4). MyD88 possesses a N-terminal death domain similar to cytoplasmic segments of TNF receptor 1, Fas, and C-terminal region related to IL-1 and Toll receptors. Overexpression of MyD88 induces activation the c-Jun N-terminal kinase and NF-kB through its death domain (1,2). The C-terminus of MyD88 interacts with the IL-1 receptor and blocks NF-kB activation induced by IL-1, but not by NF-kB.
Synonyms:	MYD88D
Protein Families:	Druggable Genome
Protein Pathways:	Apoptosis, Toll-like receptor signaling pathway



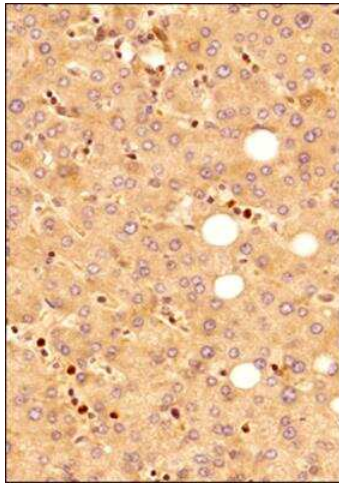
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Product images:

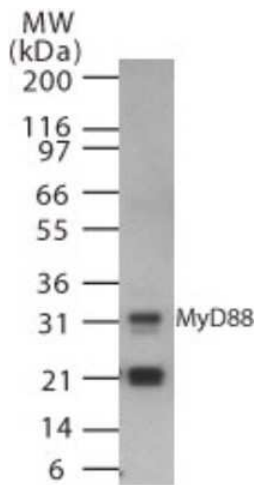
Immunohistochemistry-Paraffin: MyD88 Antibody TA336449 - Tissue section of human liver using at 1:100 dilution. This antibody generated a very specific cytoplasmic staining in the hepatocytes as well as the Kupffer cells (hepatic macrophages), and the latter showed the most intense staining among all other cell types in the section.



Immunocytochemistry/Immunofluorescence: MyD88 Antibody TA336449 - Raw264.7 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton-X100. The cells were incubated with anti-MyD88 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



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Western Blot: MyD88 Antibody TA336449 - Analysis of MyD88 in human spleen cell lysate using 0.5 ug/ml of TA336449.