

Product datasheet for **TA502118AM**

MYD88 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1B8
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:1000~2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Rat, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MYD88 (NP_002459) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33.1 kDa
Gene Name:	MYD88 innate immune signal transduction adaptor
Database Link:	NP_002459 Entrez Gene 301059 Rat Entrez Gene 696494 Monkey Entrez Gene 4615 Human Q99836



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Background:

This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants. [provided by RefSeq]

Synonyms:

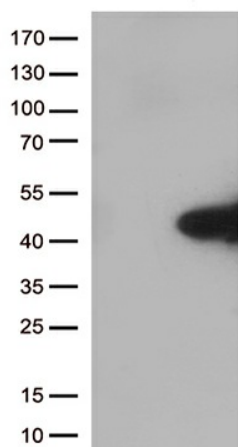
MYD88D

Protein Families:

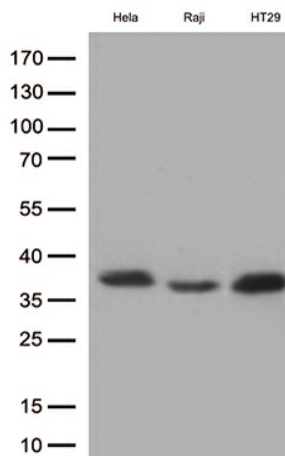
Druggable Genome

Protein Pathways:

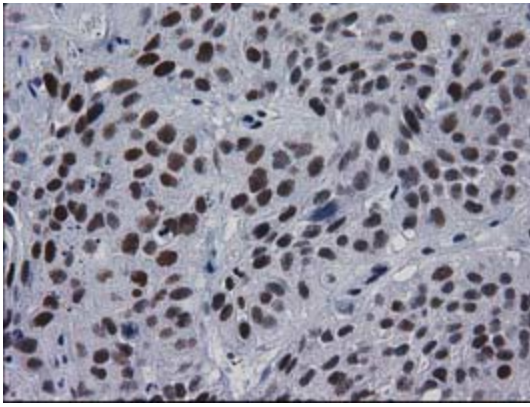
Apoptosis, Toll-like receptor signaling pathway

Product images:


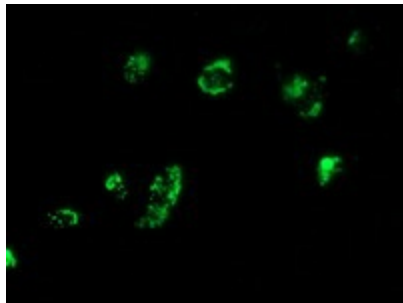
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MYD88 ([RC202253], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MYD88 (1:500).



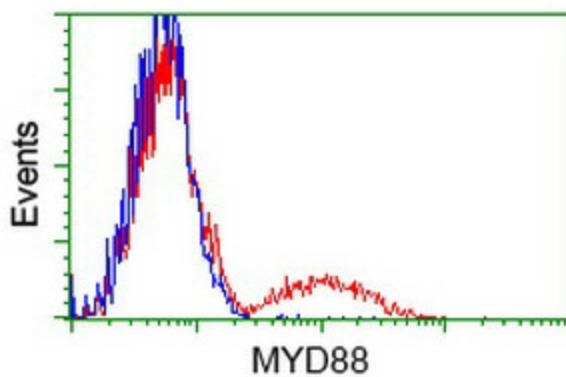
Western blot analysis of extracts (35ug) from 3 cell lines lysates by using anti-MYD88 monoclonal antibody (1:500).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-MYD88 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502118])



Anti-MYD88 mouse monoclonal antibody ([TA502118]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MYD88 ([RC202253]) (1:100).



HEK293T cells transfected with either [RC202253] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MYD88 antibody ([TA502118]), and then analyzed by flow cytometry (1:100).