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Product datasheet for TA502116M

MYD88 Mouse Monoclonal Antibody [Clone ID: OTI1A10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A10
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
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:	0.72 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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 4615 Human Q99836

View online »

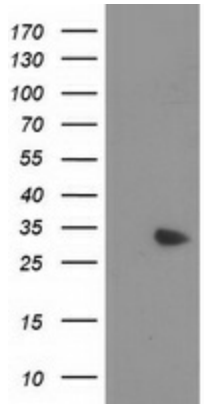
Background: This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous 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

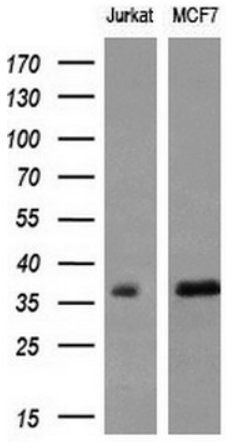
Protein Families: Druggable Genome

Protein Pathways: Apoptosis, Toll-like receptor signaling pathway

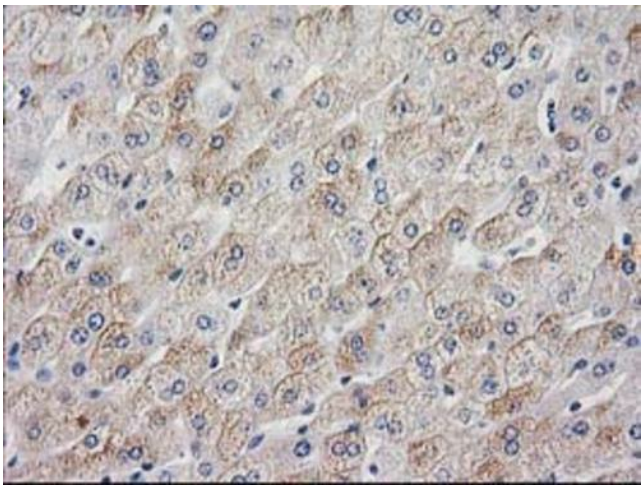
Product images:



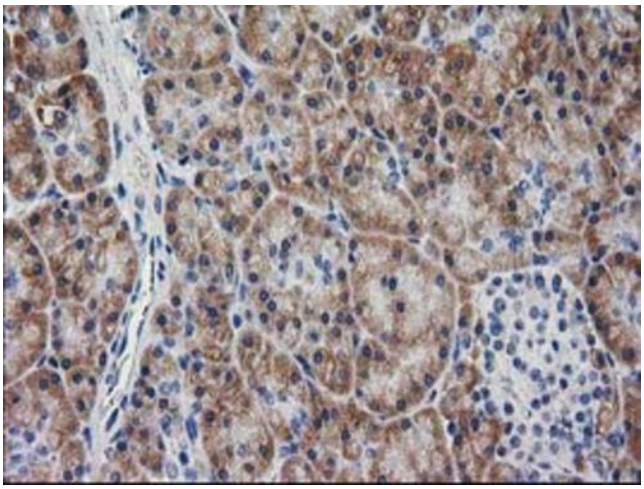
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MYD88 (Cat# [RC202253], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MYD88(Cat# [TA502116]). Positive lysates [LY432175] (100ug) and [LC432175] (20ug) can be purchased separately from OriGene.



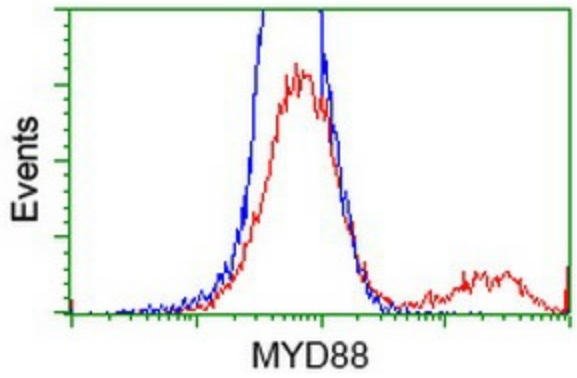
Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-MYD88 monoclonal antibody (1:200).



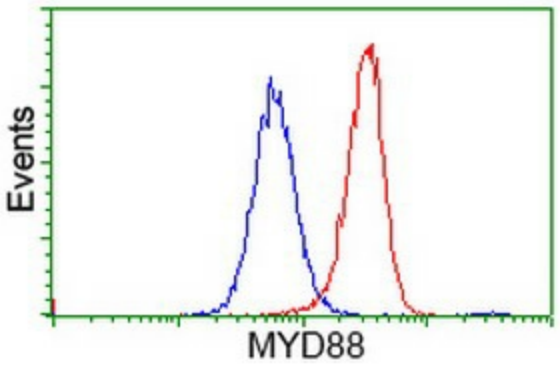
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-MYD88 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



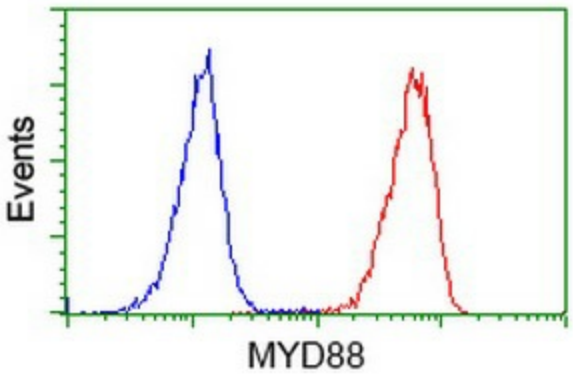
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MYD88 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



HEK293T cells transfected with either [RC202253] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MYD88 antibody ([TA502116]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-MYD88 antibody ([TA502116]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-MYD88 antibody ([TA502116]), (Red), compared to a nonspecific negative control antibody, (Blue).