

For Research Use Only

MYD88 Monoclonal antibody

Catalog Number: 66660-1-Ig **9 Publications**



Basic Information

Catalog Number: 66660-1-Ig	GenBank Accession Number: BC013589	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4615	CloneNo.: 1B10E12
Source: Mouse	UNIPROT ID: Q99836	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: myeloid differentiation primary response gene (88)	
Immunogen Catalog Number: AG19770	Calculated MW: 33 kDa	
	Observed MW: 33-36 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HSC-T6 cells, HepG2 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells, SP2/O cells
Cited Applications: WB, IHC	
Species Specificity: Human, rat, mouse	
Cited Species: human, mouse	

Background Information

MYD88 is a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. MYD88 is the key adaptor protein for the interleukin-1 receptor (IL-1R) and most Toll-like receptors (TLRs), which are essential for innate immunity and pathogen-associated molecular pattern recognition. Mutations in the MyD88 gene lead to the development of cancer in humans and mice suggesting that MyD88 also plays a cell autonomous role in tissue homeostasis.

Notable Publications

Author	Pubmed ID	Journal	Application
Pengwei Luan	32898527	Life Sci	WB
Huiqing Zhang	33860064	J Immunol Res	WB
Lixian Jiang	33606516	ACS Nano	WB

Storage

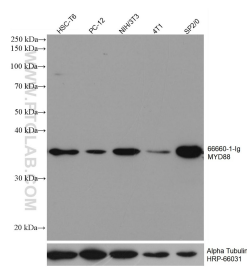
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

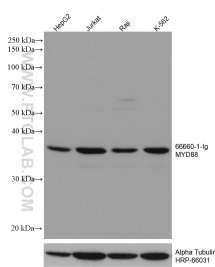
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66660-1-Ig (MYD88 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



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