

For Research Use Only

# MYD88 Monoclonal antibody

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



## Basic Information

Catalog Number:

66660-1-Ig

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19770

GenBank Accession Number:

BC013589

GeneID (NCBI):

4615

UNIPROT ID:

Q99836

Full Name:

myeloid differentiation primary response gene (88)

Calculated MW:

33 kDa

Observed MW:

33-36 kDa

Purification Method:

Protein A purification

CloneNo.:

1B10E12

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

Human, rat, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HSC-T6 cells, HepG2 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells, SP2/O cells

## 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

For technical support and original validation data for this product please contact:

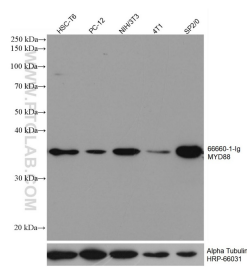
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

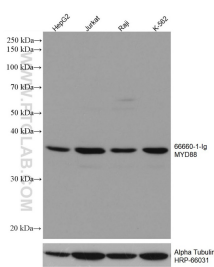
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## Selected Validation Data



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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