

For Research Use Only

# MYD88 Polyclonal antibody

Catalog Number: 23230-1-AP

Featured Product

214 Publications



## Basic Information

**Catalog Number:**

23230-1-AP

**Size:**

150ul, Concentration: 600 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**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 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

WB, IP, ELISA

**Cited Applications:**

WB, IHC, IF, IP, CoIP

**Species Specificity:**

human

**Cited Species:**

human, pig, canine, monkey, chicken, bovine, sheep

**Positive Controls:**

WB: Jurkat cells, A549 cells, HepG2 cells, MCF-7 cells, K-562 cells, Raji cells

IP: K-562 cells, A549 cells

## Background Information

MYD88 is a cytosolic adaptor 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
Chang Liu	36230117	Foods	WB
Yangming Zhang	36191372	Biochem Biophys Res Commun	WB
Zhaohai Wen	36238295	Front Immunol	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

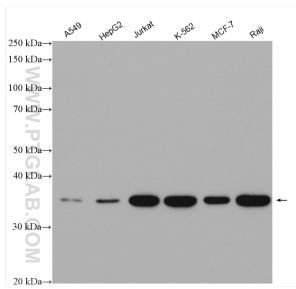
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

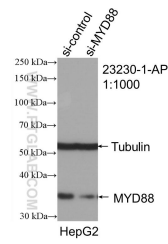
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

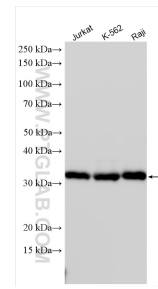
## Selected Validation Data



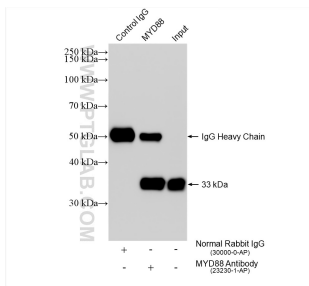
Various lysates were subjected to SDS PAGE followed by western blot with 23230-1-AP (MYD88 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



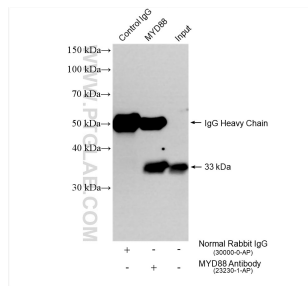
WB result of MYD88 antibody (23230-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MYD88 transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 23230-1-AP (MYD88 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-MYD88 (IP:23230-1-AP, 4ug; Detection:23230-1-AP 1:10000) with K-562 cells lysate 1360 ug.



IP result of anti-MYD88 (IP:23230-1-AP, 4ug; Detection:23230-1-AP 1:10000) with A549 cells lysate 640 ug.