

For Research Use Only

MYD88 Polyclonal antibody

Catalog Number: 29946-1-AP

4 Publications



Basic Information

Catalog Number:

29946-1-AP

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30662

GenBank Accession Number:

NM_010851

GeneID (NCBI):

17874

UNIPROT ID:

P22366

Full Name:

myeloid differentiation primary response gene 88

Calculated MW:

34 kDa

Observed MW:

29-34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IHC: 1:400-1:1600

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

mouse, rat

Cited Species:

mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : NR8383 cells, RAW 264.7 cells, mouse liver tissue, rat liver tissue

IHC : mouse liver tissue,

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. MYD88 is detected in bone marrow.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiuxiong Yin	40183076	Front Pharmacol	WB
Wei Xiao	39923428	Phytomedicine	WB
De-Yang Huo	39797462	Adv Healthc Mater	WB,IF

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

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

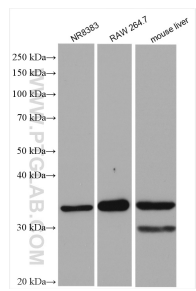
T: 4006900926

E: Proteintech-CN@ptglab.com

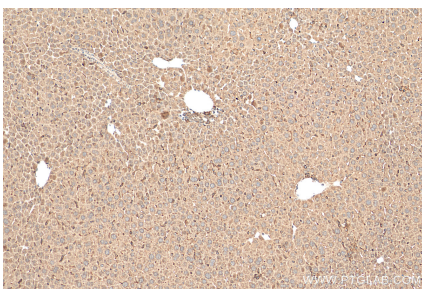
W: ptgcn.com

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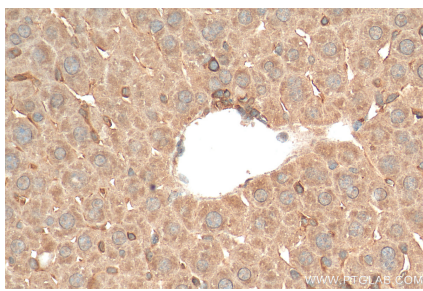
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29946-1-AP (MYD88 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 29946-1-AP (MYD88 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 29946-1-AP (MYD88 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).