

For Research Use Only

MYD88 Polyclonal antibody

Catalog Number: 29946-1-AP

2 Publications



Basic Information

Catalog Number:

29946-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

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
De-Yang Huo	39797462	Adv Healthc Mater	WB,IF
Xiaoyue Tao	38850784	Int Immunopharmacol	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

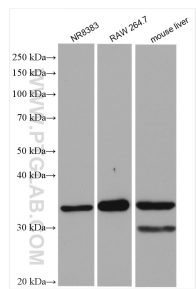
For technical support and original validation data for this product please contact:

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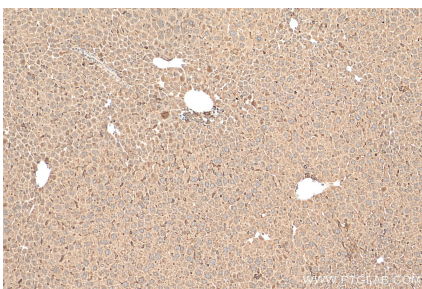
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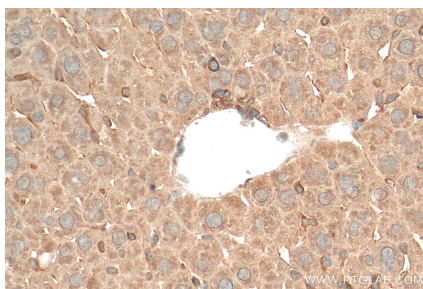
Selected Validation Data



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).