

For Research Use Only

MYD88 Polyclonal antibody

Catalog Number: 29946-1-AP



Basic Information

Catalog Number: 29946-1-AP	GenBank Accession Number: NM_010851	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 17874	Recommended Dilutions: WB 1:500-1:3000 IHC 1:400-1:1600
Source: Rabbit	Full Name: myeloid differentiation primary response gene 88	
Isotype: IgG	Calculated MW: 34 kDa	
Immunogen Catalog Number: AG30662	Observed MW: 29-34 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
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 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. MYD88 is detected in bone marrow.

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

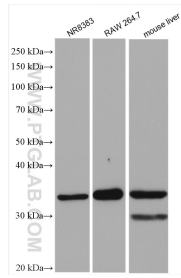
For technical support and original validation data for this product please contact:

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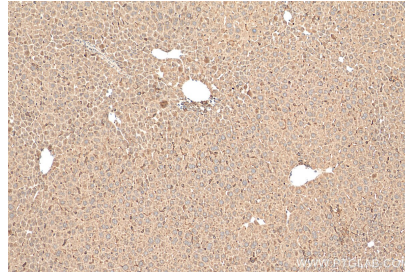
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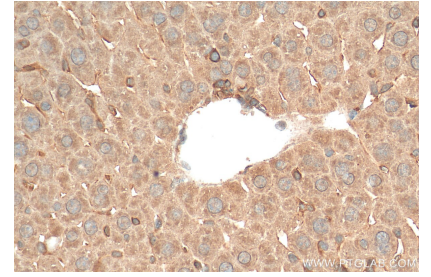
Selected Validation Data



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).