

For Research Use Only

MYD88 Polyclonal antibody

Catalog Number: 29946-1-AP

3 Publications



Basic Information

Catalog Number: 29946-1-AP	GenBank Accession Number: NM_010851	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 17874	Recommended Dilutions: WB: 1:500-1:3000 IHC: 1:400-1:1600
Source: Rabbit	UNIPROT ID: P22366	
Isotype: IgG	Full Name: myeloid differentiation primary response gene 88	
Immunogen Catalog Number: AG30662	Calculated MW: 34 kDa	
	Observed MW: 29-34 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : NR8383 cells, RAW 264.7 cells, mouse liver tissue, rat liver tissue IHC : mouse liver tissue,
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	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiuxiong Yin	40183076	Front Pharmacol	WB
De-Yang Huo	39797462	Adv Healthc Mater	WB,IF
Xiaoyue Tao	38850784	Int Immunopharmacol	WB

Storage

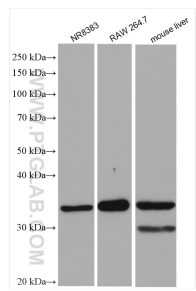
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

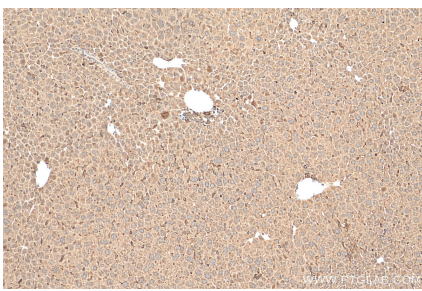
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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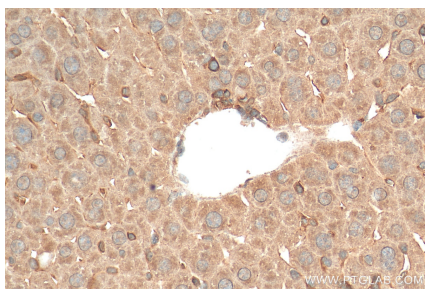
Selected Validation Data



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).