

Anti-MyD88 Rabbit pAb



WL02494

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MyD88 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Rabbit	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:100-1:400

Cellular localization Secreted and Cell membrane

Pack size 50/100/200/500/1000µl

Storage Store at -20°C. **Avoid freeze/thaw cycles.**

Storage buffer Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background The myeloid differentiation protein MyD88 was originally characterized as a protein upregulated in myeloleukemic cells following IL-6-induced growth arrest and terminal differentiation. MyD88 is now known to function as an adaptor protein for the association of IRAK with the IL-1 receptor. It contains an amino-terminal death domain separated from a carboxyl-terminal TIR domain and functions as an adaptor in TLR/IL-1 receptor signaling. The death domain of MyD88 mediates interactions with the IRAK complex triggering a signaling cascade that includes the activation of NF-κB.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MyD88.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

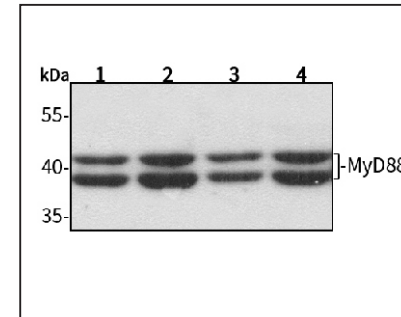
Anti-MyD88 Rabbit pAb



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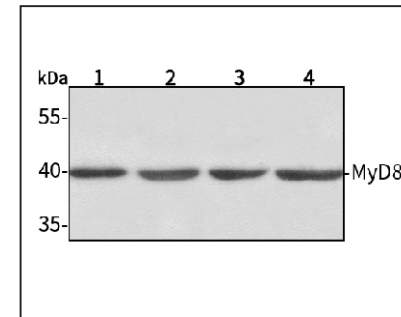
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Product Images



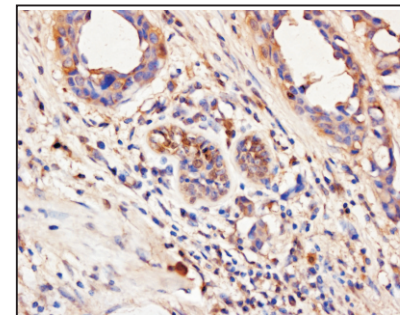
Western blot-Anti-MyD88 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-MyD88 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 33 kDa
 Observed band size: 33-44 kDa



Western blot-Anti-MyD88 pAb

Lane 1: Mouse colon tissue lysate
 Lane 2: Mouse lung tissue lysate
 Lane 3: Rat brain tissue lysate
 Lane 4: Rat stomach tissue lysate
 All lanes: Anti-MyD88 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 33 kDa
 Observed band size: 33-44 kDa



Immunohistochemistry-Anti-MyD88 pAb

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-MyD88 Rabbit Antibody at 1:150 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

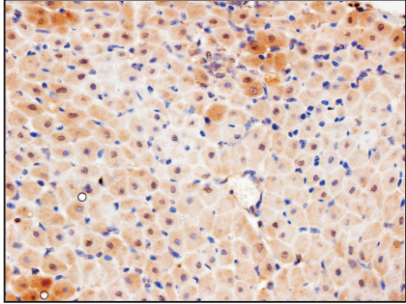
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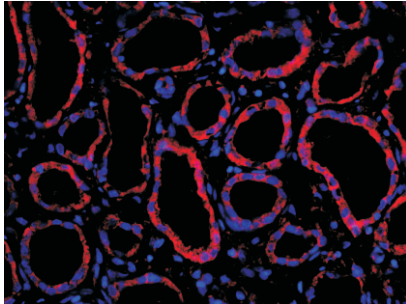
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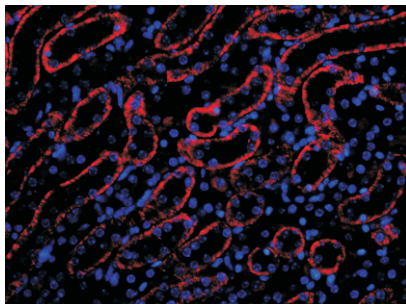
Immunohistochemistry-Anti-MyD88 pAb

Immunohistochemical analysis of paraffin-embedded rat heart (LPS treated) using anti-MyD88 Rabbit Antibody at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-MyD88 pAb

Immunofluorescence analysis of paraffin-embedded human kidney using anti-MyD88 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-MyD88 pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-MyD88 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

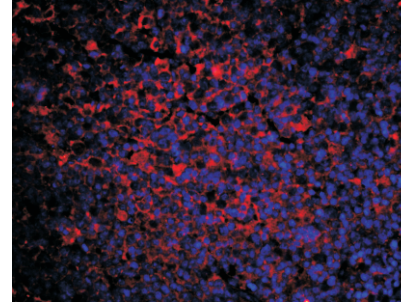
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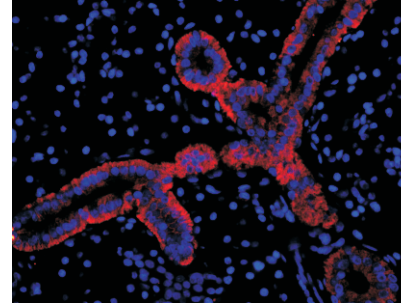
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Immunofluorescence-Anti-MyD88 pAb

Immunofluorescence analysis of paraffin-embedded rabbit thymus using anti-MyD88 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-MyD88 pAb

Immunofluorescence analysis of paraffin-embedded rabbit submandibular gland using anti-MyD88 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0