

## Anti-MyD88 Rabbit pAb



WL02494

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-MyD88 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat, Rabbit	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:100-1:400
	IF	1:100-1:400
<b>Cellular localization</b>	Cytoplasm and nucleus	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	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

<b>Background</b>	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.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MyD88.
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

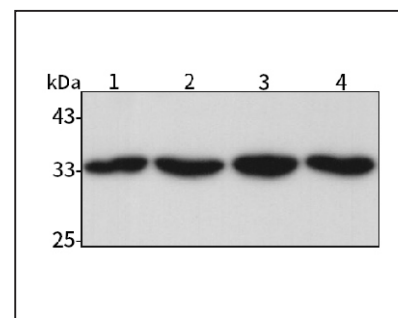
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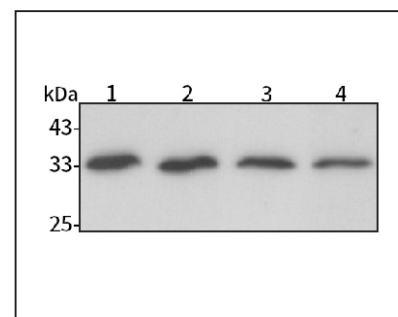
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## Product Images



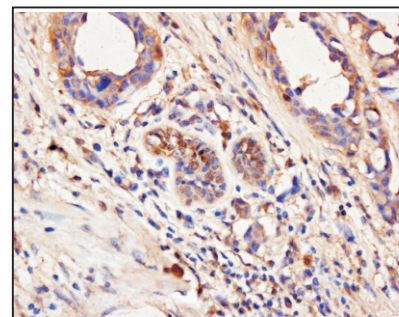
## Western blot-Anti-MyD88 pAb

Lane 1: Human HEK293 cell lysate  
 Lane 2: Human HCT116 cell lysate  
 Lane 3: Human MDA-MB-231 cell lysate  
 Lane 4: Human A549 cell lysate  
 All lanes: Anti-MyD88 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 33 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



## 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

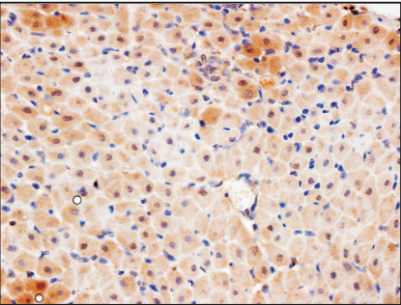
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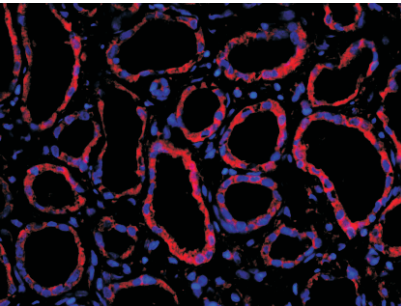
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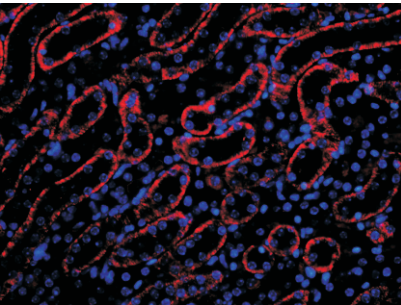
Immunohistochemistry-Anti-MyD88 pAb

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

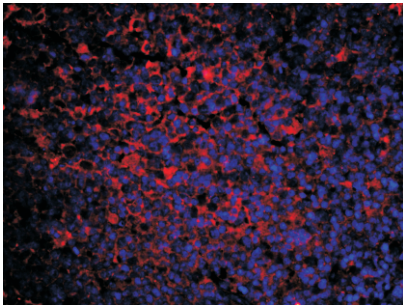
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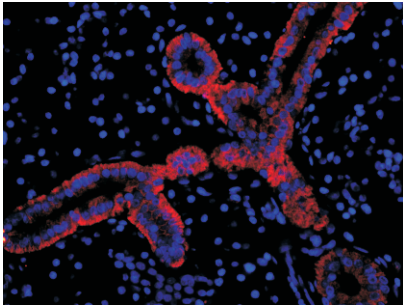
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Immunofluorescence-Anti-MyD88 pAb

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