

## 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	
<b>Tested applications</b>	Western blot	1:500
	Immunohistochemistry	1:150-1:300
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
<b>Molecular Wt.</b>	33-44kDa	
<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

**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.

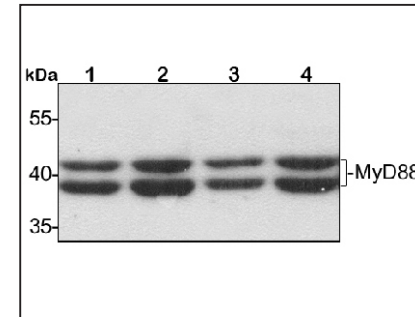
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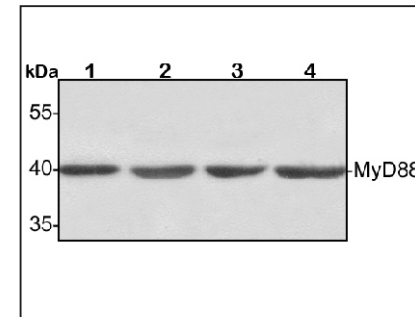
### Product Images



#### Western blot-Anti-MyD88 pAb

**Lane 1:** Human HepG2 cell lysate 30µg  
**Lane 2:** Human HeLa cell lysate 30µg  
**Lane 3:** Human BGC-823 cell lysate 30µg  
**Lane 4:** Human MGC-803 cell lysate 30µg

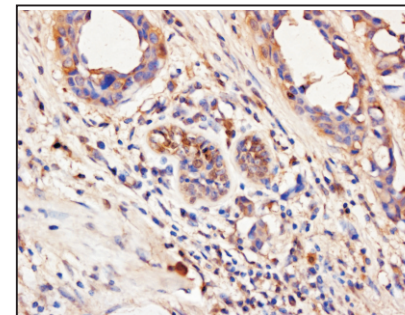
**Separation gel:** 11% polyacrylamide  
**Electrophoresis:** 100V, 4°C, 3h  
**Transmembrane:** 100V, 4°C, 1h  
**Blocking:** 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
**Primary antibody:** 1:500 in blocking buffer, 4°C, overnight  
**Secondary antibody (WLA023a):** 1:5000-1:10000, 45min  
**Visualization:** ECL, 30s-2min



#### Western blot-Anti-MyD88 pAb

**Lane 1:** Mouse colon tissue lysate 30µg  
**Lane 2:** Mouse lung tissue lysate 30µg  
**Lane 3:** Rat brain tissue lysate 30µg  
**Lane 4:** Rat stomach tissue lysate 30µg

**Separation gel:** 11% polyacrylamide  
**Electrophoresis:** 100V, 4°C, 3h  
**Transmembrane:** 100V, 4°C, 1h  
**Blocking:** 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
**Primary antibody:** 1:500 in blocking buffer, 4°C, overnight  
**Secondary antibody (WLA023a):** 1:5000-1:10000, 45min  
**Visualization:** ECL, 30s-2min



#### Immunohistochemistry-Anti-MyD88 pAb

**Sample:** Human breast cancer tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:150, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Color Developing:** DAB

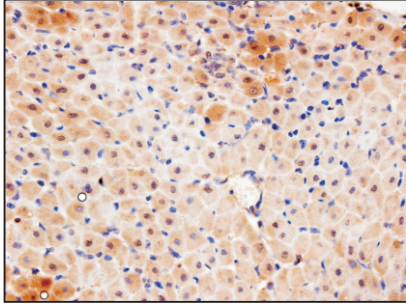
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#### Immunohistochemistry-Anti-MyD88 pAb

**Sample:** Rat heart (LPS treated) tissue

**Antigen retrieval:** pH 9.0 Tris-EDTA buffer

**Primary antibody:** 1:300, 4°C, overnight

**Secondary antibody-Biotin:** 1:150, 37°C, 1h

**Streptavidin-HRP:** 1:200, 37°C, 30min

**Color Developing:** DAB