



MyD88 Rabbit mAb

Catalog No	YP-rAb-17360
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	MyD88
Protein Name	Myeloid differentiation primary response protein MyD88
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	MyD88;Myeloid differentiation primary response protein MyD88;MYD88 ; Myeloid differentiation primary response protein MyD88
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Ubiquitous.
Function	Disease:Defects in MYD88 are the cause of MYD88 deficiency (MYD88D) [MIM:612260]; also called recurrent pyogenic bacterial infections due to MYD88 deficiency. Patients suffer from autosomal recessive, life-threatening, often recurrent pyogenic bacterial infections, including invasive pneumococcal disease, and die between 1 and 11 months of age. Surviving patients are otherwise healthy, with normal resistance to other microbes, and their clinical status improved with age.,Function:Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. Acts via IRAK1, IRAK2 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Increases IL-8 transcription. May be involved in myeloid differentiation.,similarity:Contains 1 death domain.,similarity:Contains 1 TIR domain.,subunit:Homodimer. Also forms heterodimers with TIRAP. Binds to TLR2, TLR4, IRAK1 and IRAK2 via their respective TIR domains. Interacts with



IL1RL1.,tissue specificity:Ubiquitous.,

Background

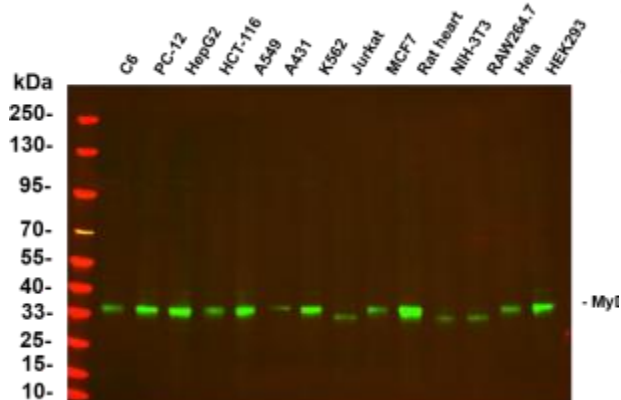
This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010],

matters needing attention

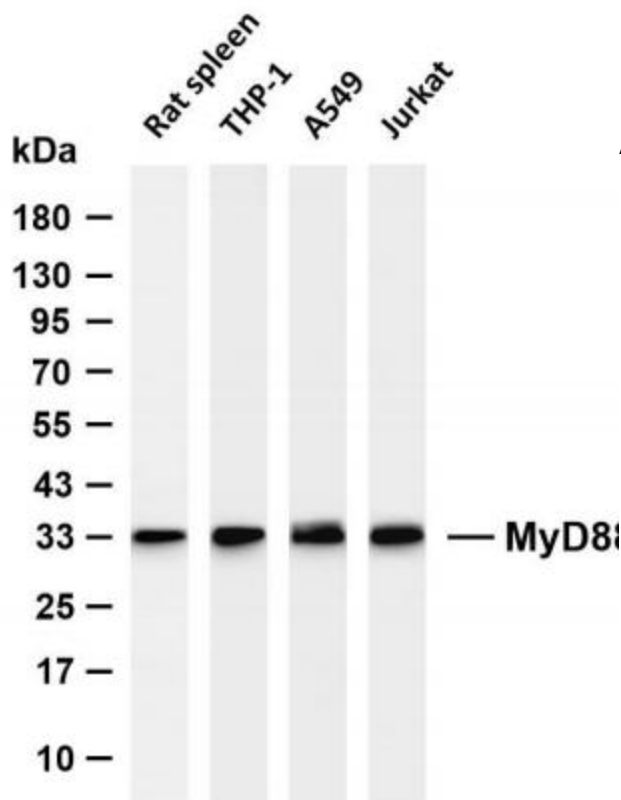
Avoid repeated freezing and thawing!

Usage suggestions

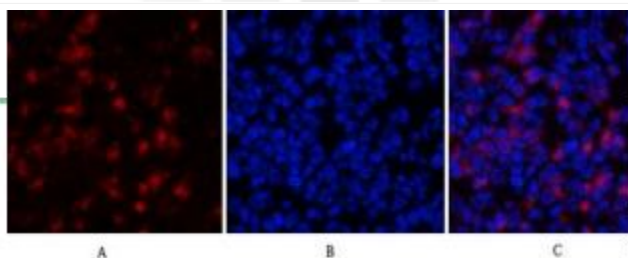
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4~C, over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MyD88 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Rat spleen Lane 2: THP-1 Lane 3: A549 Lane 4: Jurkat Predicted band size: 33kDa Observed band size: 33kDa



Immunofluorescence analysis of mouse-spleen tissue . 1,MyD88 Antibody(red) was diluted at 1:200(4°C ,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A: TaqMan. Picture B: DAPI. Picture C: merge of A+B.

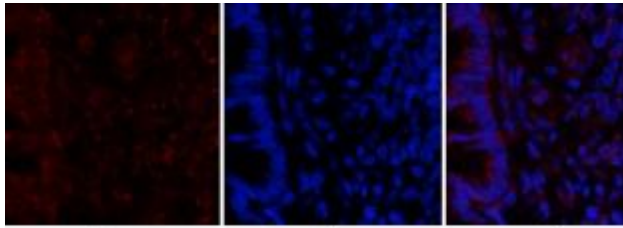
PCR、QPCR检测| WB检测
| 免疫荧光 | 透射电镜全套
蛋白组、代谢组测序



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A

B

C

Immunofluorescence analysis of rat-lung tissue. 1, MyD88 Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

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