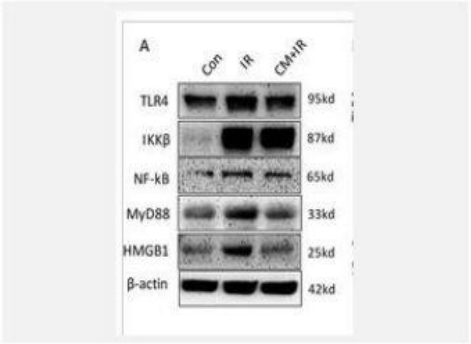
PRODUCT DATA SHEET

MyD88 Polyclonal Antibody

Catalog No.	IPB0093
Reactivity	Human; Mouse; Rat
Applications	IF/ICC; WB; IHC-p; ELISA
Dilution	IF: 1:50-200 WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:200-1:1000 ELISA: 1:20000
Gene Name	MyD88
Protein Name	Myeloid differentiation primary response protein MyD88
Human Gene Id	4615
Swiss-Prot	Q99836
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cytoplasm Nucleus
MW	33233
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

Products Images:



Chen, Yu-Zhong, et al. "Anti-Oxidative and Immuno-Protective Effect of Camel Milk on Radiation-Induced Intestinal Injury in C57BL/6 J Mice." Dose-Response 19.1 (2021): 15593258211003798.

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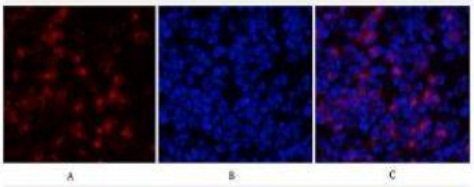
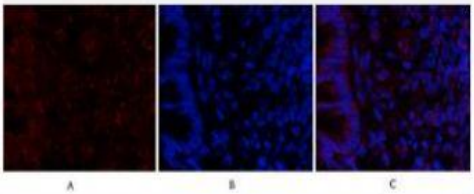
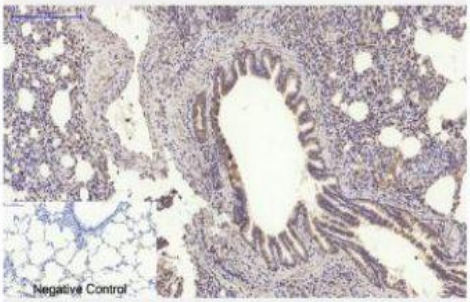


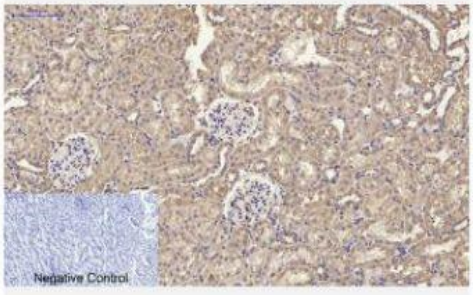
Immunofluorescence analysis of mouse-spleen tissue. 1,MyD88 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of rat-lung tissue. 1,MyD88 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled 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



Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1,MyD88 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,MyD88 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

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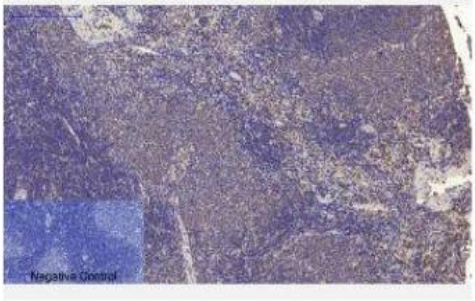

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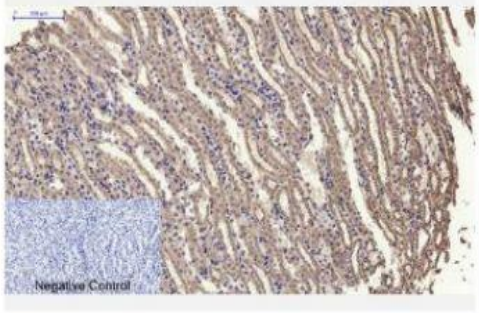
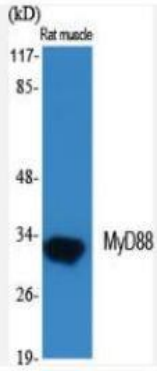
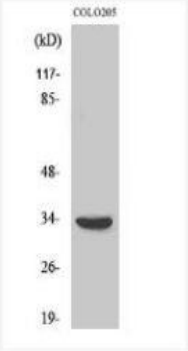


Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,MyD88 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Western Blot analysis of various cells using MyD88 Polyclonal Antibody diluted at 1:2000



Western Blot analysis of COLO205 cells using MyD88 Polyclonal Antibody diluted at 1:2000

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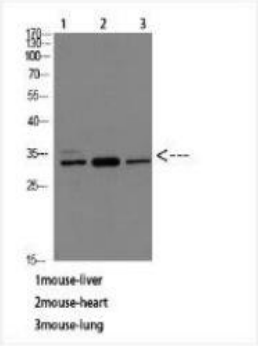
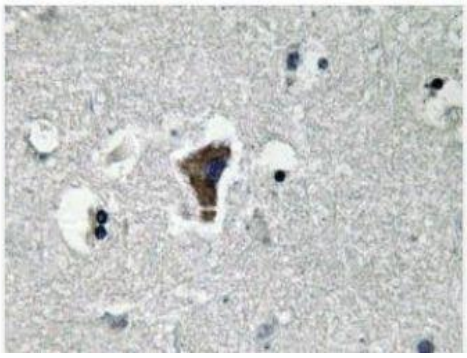
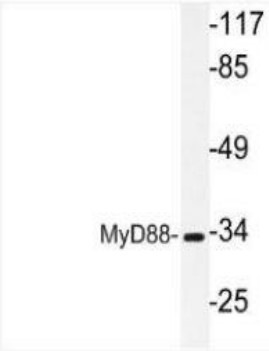


Western blot analysis of mouse-liver mouse-heart mouse-lung Cell Lysate, antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemistry analysis of MyD88 antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from COLO cells, using MyD88 antibody.