



Myd88 Mouse mAb(2H12)

Catalog No	YP-Ab-04811
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	IHC
Gene Name	MYD88
Immunogen	Synthesized peptide derived from human Myd88
Specificity	This antibody detects endogenous levels of Myd88 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.52% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	2E10D3;Myd88(2H12);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 hetero



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],

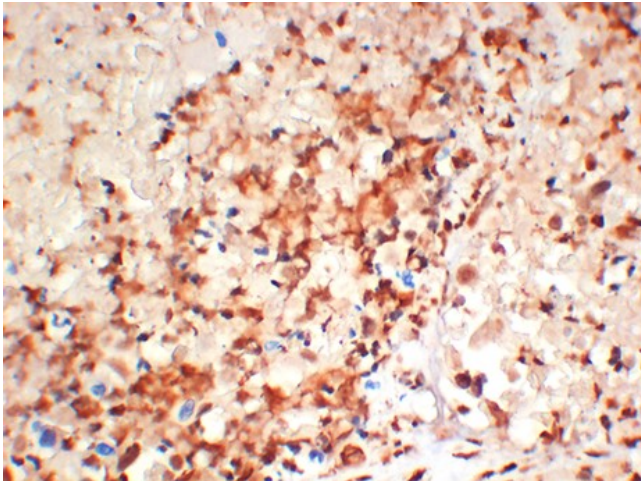
matters needing attention

Avoid repeated freezing and thawing!

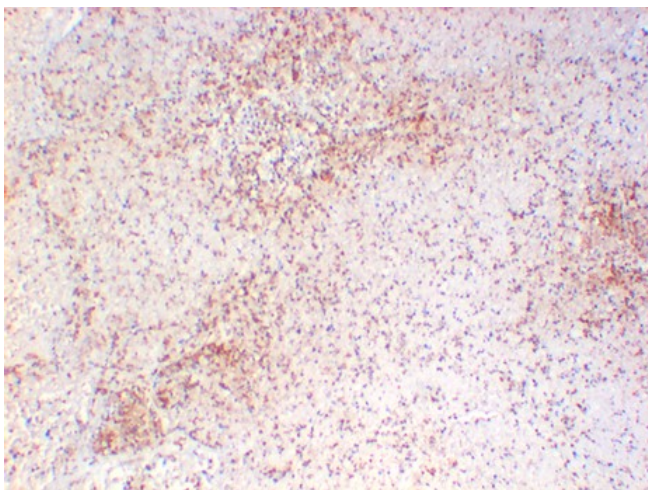
Usage suggestions

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

Products Images



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using Myd 88 Mouse Monoclonal antibody diluted at 1:200.



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