



Rig-I/DDX58 Mouse mAb

Catalog No	YP-mAb-18573
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 241-455 of human Rig-I/DDX58 (NP_055129.2).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:2000 - 1:4000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RIG1;DDX58;RIG-I;RLR-1;SGMRT2;Rig-I/DDX58
Observed Band	107 kDa
Calculated Molecular Weight	107 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of the antiviral innate immune response. Mutations in this gene are associated with Singleton-Merten syndrome 2

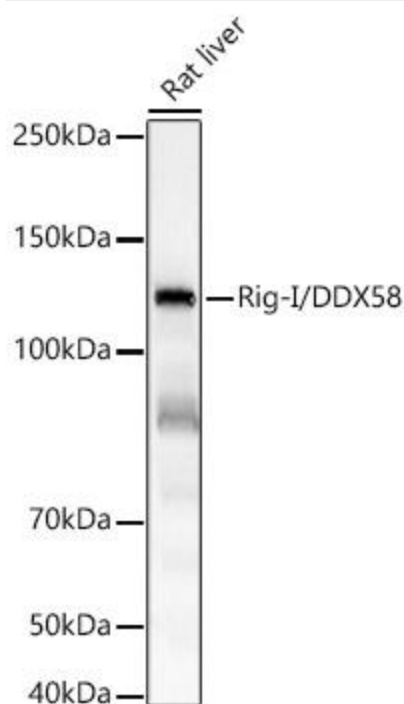
**matters needing attention**

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



Western blot analysis of extracts from rat liver, using Rig-I/DDX58 Mouse mAb (A23179) at 1:4000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.