





MDA5 Monoclonal Antibody

Catalog No	YP-mAb-01860
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	IFIH1
Protein Name	Interferon-induced helicase C domain-containing protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human IFIH1. AA range:976-1025
Specificity	MDA5 Monoclonal Antibody detects endogenous levels of MDA5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IFIH1; MDA5; RH116; Interferon-induced helicase C domain-containing protein 1; Clinically amyopathic dermatomyositis autoantigen 140 kDa; CADM-140
	autoantigen; Helicase with 2 CARD domains; Helicard; Interferon-induced with helicase C domai
Observed Band	
Observed Band Cell Pathway	helicase C domai
	helicase C domai 120kD Cytoplasm . Nucleus . Mitochondrion . Upon viral RNA stimulation and ISGylation, translocates from cytosol to mitochondrion. May be found in the nucleus, during



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Essential for the production of interferons in response to picornaviruses., induction: By IFN-beta and TNF-alpha, miscellaneous: In HIV-1 infected HeLa-CD4 cells, overexpression of IFIH1 results in a great increase in t

Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein that is upregulated in response to treatment with beta-interferon and a protein kinase C-activating compound, mezerein. Irreversible reprogramming of melanomas can be achieved by treatment with both these agents; treatment with either agent agents are reprogramming the only achieves reversible differentiation. Constitution in this gene is accepted. achieves reversible differentiation. Genetic variation in this gene is associated with diabetes mellitus insulin-depend

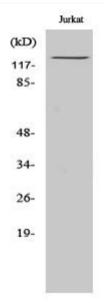
matters needing attention

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 various cells using MDA5 Monoclonal Antibody