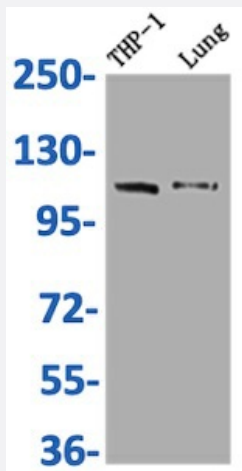


RecomAb™

IFIH1 recombinant monoclonal antibody, clone 3D12

Catalog # RAB04134 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: THP-1 whole cell lysate; Lane 2: Mouse lung tissue.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human and mouse IFIH1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human IFIH1.
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: THP-1 whole cell lysate; Lane 2: Mouse lung tissue.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IFIH1

Entrez GeneID	64135
Protein Accession#	Q9BYX4
Gene Name	IFIH1
Gene Alias	Hlcd, IDDM19, MDA-5, MDA5, MGC133047
Gene Description	interferon induced with helicase C domain 1
Omim ID	606951 610155
Gene Ontology	Hyperlink

Gene Summary	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 (IFNB) and a protein kinase C-activating compound, mezerein (MEZ). Irreversible reprogramming of melanomas can be achieved by treatment with both these agents; treatment with either agent alone only achieves reversible differentiation. [provided by RefSeq]
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Other Designations	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide helicard melanoma differentiation associated protein-5
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Disease

- [Addison Disease](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Encephalomyelitis](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Hashimoto Disease](#)
- [IgA Deficiency](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Thyroiditis](#)