

Datasheet for ABIN1169453
anti-IFIH1 antibody (AA 78-555)



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Overview

Quantity:	100 µg
Target:	IFIH1
Binding Specificity:	AA 78-555
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant human MDA5 (aa 78-555).
Clone:	Hely-1
Isotype:	IgG1
Specificity:	Recognizes human MDA5.
Cross-Reactivity:	Human
Purification:	Purified from concentrated hybridoma tissue culture supernatant.
Purity:	>95 % (SDS-PAGE)

Target Details

Target:	IFIH1
Alternative Name:	MDA5 (IFIH1 Products)

Target Details

Background: RIG-I and MDA5 are highly conserved helicases involved in the innate immune response to virus. RIG-I is a member of the DEAD-box RNA helicases and is activated by cytoplasmic dsRNA and 5'-ppp RNA produced during the viral replication. The protein is characterized by a N-terminal region with two caspase recruitment domains (CARD) and a C-terminal region harboring potential ATP-dependent RNA helicase activity. RIG-1 recruits the CARD adaptor inducing IFN-beta (Cardif) in a CARD-CARD-dependent manner resulting in NF-kappaB and IRF3 activation.

UniProt: [Q9BYX4](#)

Pathways: [Activation of Innate immune Response](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 10 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months