MDA5 (human) monoclonal antibody (Hely-1)

MDA5 and RIG-I are highly conserved helicases involved in the innate immune response to virus. MDA-5 ATPase activity can be stimulated by RNA and less potently by DNA. It contains two N-terminal CARD domains and a C-terminal helicase domain. After binding nonself-ligand, RIG-I and MDA5 interact via their CARD domains with the signaling-adaptor molecule, IPS-1 (also known as MAVS, VISA and Cardif), which leads to the induced expression of IFN-β, IRF3-target genes and NF- κB target genes to drive antiviral and inflammatory responses.

This antibody is covered by our Worry-Free Guarantee.

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ALX-804-863-C100	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Helicard, Melanoma differentiation-associated gene 5, Interferon-induced helicase C domain-containing protein 1, RH116, CADM-140 autoantigen, RIG-I-like receptor 2, RLR-2
Application	ELISA, IP, WB
Application Notes	ELISA Immunoprecipitation (1:100) Western Blot (1:1’000)
Clone	Hely-1
Formulation	Liquid. In PBS containing 10% glycerol and 0.02% sodium azide.
Host	Mouse
Immunogen	Recombinant human MDA5 (melanoma differentiation-associated gene 5) (aa 78-555).
Isotype	IgG1
Purity Detail	Protein G-affinity purified.
Recommendation Dilutions/Conditions	Immunoprecipitation (1:100)Western Blot (1:1,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.

Source	Purified from concentrated hybridoma tissue cell culture supernatant.
Species Reactivity	Human
UniProt ID	Q9BYX4
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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