MDA5 polyclonal antibody

MDA5 is a highly conserved helicase whose 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. The helicase domain, once freed from the CARD domains, then translocates from the cytoplasm to the nucleus where it acts on chromatin architecture. This could allow a more easy access of CAD, thereby accelerating the degradation of genomic DNA.

This antibody is covered by our Worry-Free Guarantee.

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ENZ-ABS299-0100	100µg

Manuals, SDS & CofA View Online »

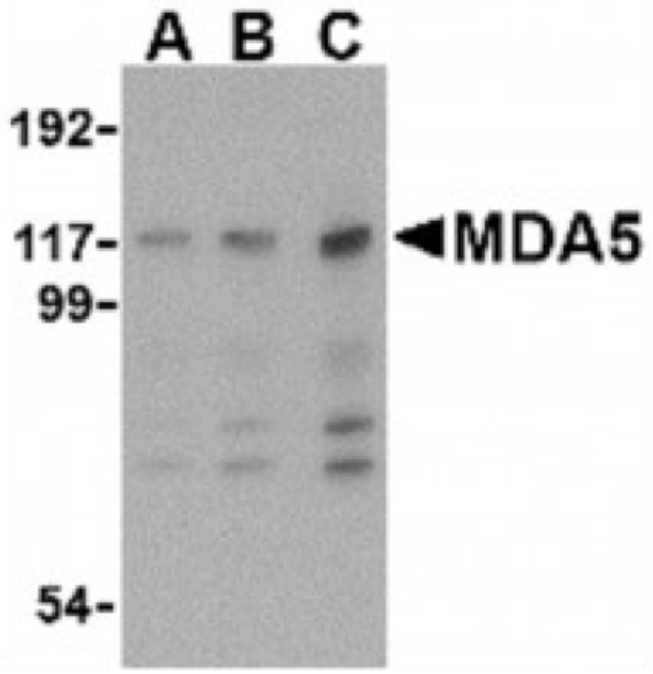


Figure 1: Western blot analysis of MDA5 in Daudi cell lysate with MDA5 antibody at (A) 1, (B) 2 and (C) 4 µg/mL.

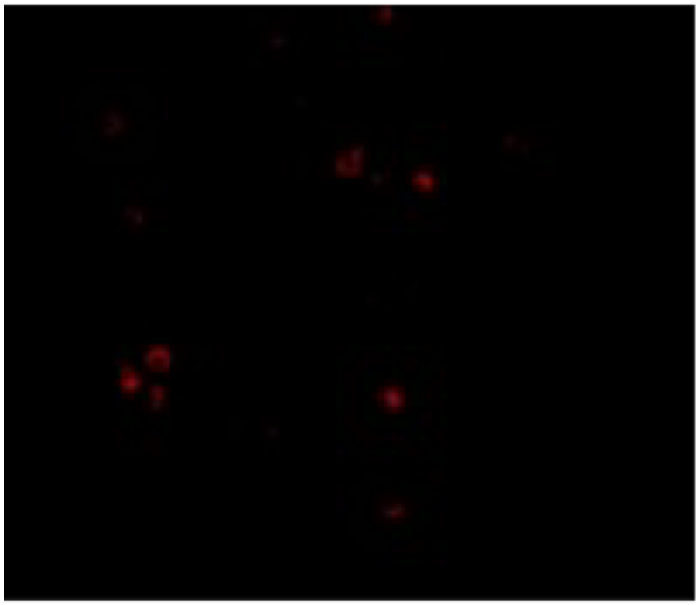


Figure 2: Immunofluorescence of MDA5 in Human Lymph Node cells with MDA5 antibody at 20 µg/mL.

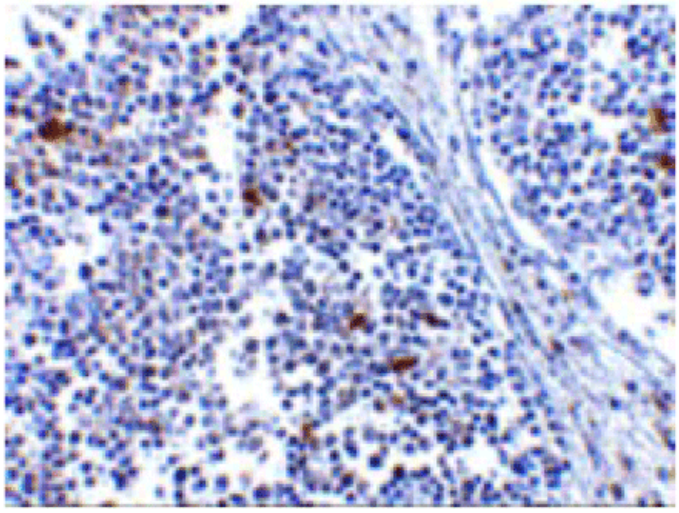


Figure 3: Immunohistochemistry of MDA5 in human lymph node tissue with MDA5 antibody at 5 µg/mL.

Handling & Storage

Use/Stability	Stable for at least 1 year after receipt when stored as recommended.
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, IF, IHC (PS), WB
Formulation	Liquid. In PBS containing 0.02% sodium azide.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to 16 amino acids from near the center of human MDA5.
Isotype	IgG
Purity Detail	Affinity purified.
Recommendation Dilutions/Conditions	Immunofluorescence (10μg/ml)Immunohistochemistry (5μg/ml)Western Blot (1-4μg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse
UniProt ID	Q9BYX4 (human), Q8R5F7 (mouse)

Worry-free Guarantee

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