

MDA5 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 217 and 517 of Human MDA5
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545324

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-

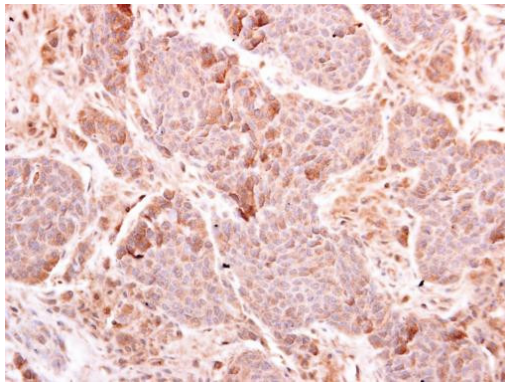
Product Specific Information

Recommended positive controls: THP-1, THP-1 (100 ng/ml PMA treatment for 16 hr and 1000 ng/ml LPS treatment for 24 hr).

Predicted reactivity: Mouse (86%), Rat (86%), Pig (91%), Rhesus Monkey (98%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For MDA5 Polyclonal Antibody

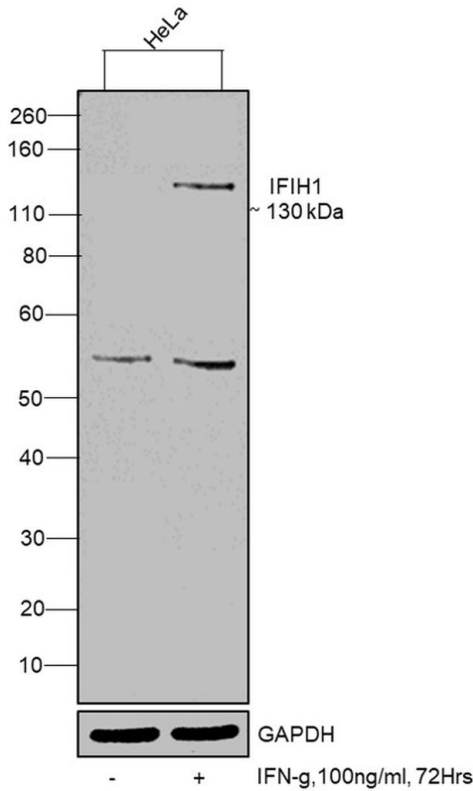


MDA5 Antibody (PA5-27848) in IHC (P)

MDA5 Polyclonal Antibody detects MDA5 protein at cytoplasm on human breast carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human breast carcinoma. MDA5 Polyclonal Antibody (Product # PA5-27848) diluted at 1:500. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

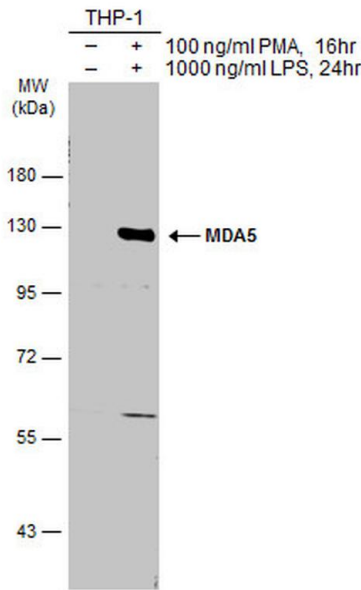
MDA5 Antibody (PA5-27848) in WB

Western blot was performed using MDA5 Polyclonal Antibody (Product # PA5-27848) and a 130 kDa band corresponding to MDA5 was observed upon IFN gamma treatment in HeLa. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), HeLa treated with IFN-gamma (100 ng for 72 Hrs) (Lane 2) were electrophoresed using NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (PA5-27848, 1:1,000 dilution) and detected by Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



MDA5 Antibody (PA5-27848) in WB

Western Blot analysis of MDA5 was performed by separating 30 µg of untreated (-) and treated (+) THP-1 whole cell extracts by 7.5% SDS-PAGE. Proteins were transferred to a membrane and probed with a MDA5 Polyclonal Antibody (Product # PA5-27848) at a dilution of 1:1000.



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