

## MDA5 Rabbit mAb (AR1749)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	117kDa (Calculated) 135kDa (Observed)

### Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	IFIH1
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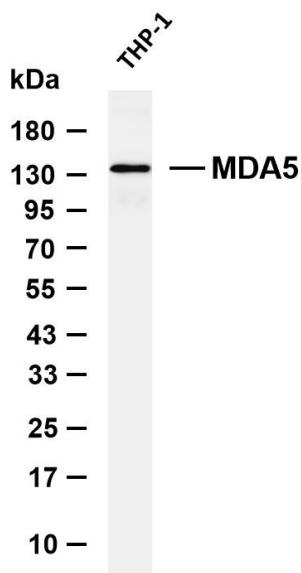
Protein Name	Interferon-induced helicase C domain-containing protein 1
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Organism	Gene ID	UniProt ID
Human	64135	Q9BYX4
Mouse	71586	Q8R5F7

Cellular Localization	Cytoplasm. Nucleus. Mitochondrion. Upon viral RNA stimulation and ISGylation, translocates from cytosol to mitochondrion. May be found in the nucleus, during apoptosis.
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Tissue specificity	Widely expressed, at a low level. Expression is detected at slightly highest levels in placenta, pancreas and spleen and at barely levels in detectable brain, testis and lung.
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MDA5 antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: THP-1

Predicted band size: 117kDa

Observed band size: 135kDa

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