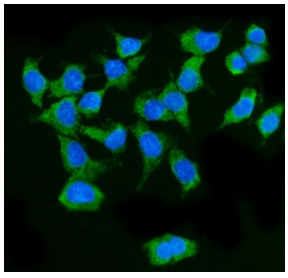
MAVS Antibody / IPS-1 (RQ6496)

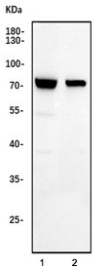
Catalog No.	Formulation	Size
RQ6496	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7Z434
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml
Limitations	This MAVS antibody is available for research use only.



Immunofluorescent staining of FFPE human Caco-2 cells with MAVS antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa and 2) Jurkat cell lysate with MAVS antibody. Expected molecular weight: 51-54 kDa (cleaved), 57 kDa (unmodified), 75 kDa (aggregated).

Description

Mitochondrial antiviral-signaling protein (MAVS) is a protein that in humans is encoded by the MAVS gene. The protein is also known by the names VISA (virus-induced signaling adapter), IPS-1 and Cardif. This gene encodes an intermediary protein necessary in the virus-triggered beta interferon signaling pathways. It is required for activation of transcription factors which regulate expression of beta interferon and contributes to antiviral immunity.

Application Notes

Optimal dilution of the MAVS antibody should be determined by the researcher.

Immunogen

Amino acids DEVASVYQSYQPRTSDRPPDPLE from the human protein were used as the immunogen for the MAVS antibody.

Storage

After reconstitution, the MAVS antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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