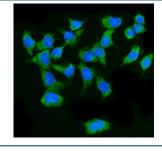


# MAVS Antibody / IPS-1 (RQ6496)

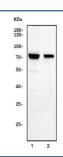
Catalog No.	Formulation	Size
RQ6496	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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.