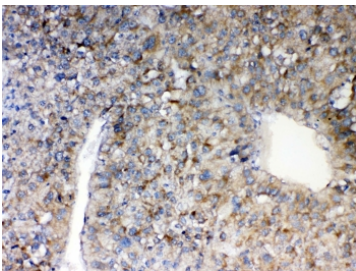


## MAVS Antibody (R32822)

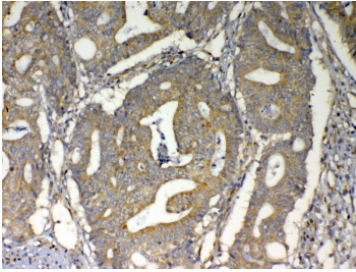
Catalog No.	Formulation	Size
R32822	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

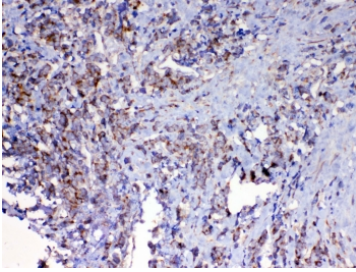
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q7Z434
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	This MAVS antibody is available for research use only.



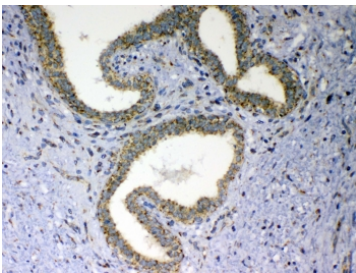
IHC testing of FFPE human liver cancer tissue with MAVS antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE human intestinal cancer tissue with MAVS antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



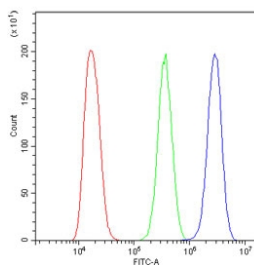
IHC testing of FFPE human lung cancer tissue with MAVS antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE human breast cancer tissue with MAVS antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

kDa  
180-  
130-  
95-  
72-  
55-  
43-  
34-  
26-  
17-

Western blot testing of human placenta tissue with MAVS antibody at 0.5ug/ml. Predicted molecular weight: 51-54 kDa (cleaved), 57 kDa (unmodified), 75 kDa (aggregated).



Flow cytometry testing of human A431 cells with MAVS antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MAVS antibody.

## 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**

A recombinant human protein corresponding to amino acids L34-Q96 was 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.