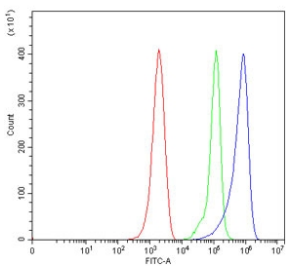
Mavs Antibody / Ips-1 (RQ6888)

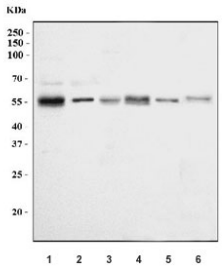
Catalog No.	Formulation	Size
RQ6888	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8VCF0
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Mavs antibody is available for research use only.



Flow cytometry testing of mouse ANA-1 cells with Mavs antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Mavs antibody.



Western blot testing of 1) rat brain, 2) rat heart, 3) L6, 4) mouse brain, 5) mouse HEPA1-6 and 6) mouse C2C12 cell lysate with Mavs antibody. Predicted 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

Recombinant mouse protein (amino acids M1-Q77) 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.

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