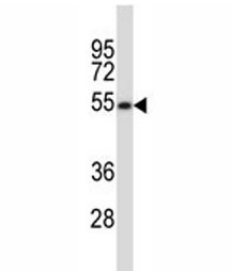
MAVS Antibody (F43253)

Catalog No.	Formulation	Size
F43253-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43253-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q7Z434
Applications	Western blot: 1:1000
Limitations	This MAVS antibody is available for research use only.



MAVS antibody western blot analysis in HeLa lysate. Predicted molecular weight: 51-54 kDa (cleaved), 57 kDa (unmodified), 75 kDa (aggregated).

Description

Double-stranded RNA viruses are recognized in a cell type-dependent manner by the transmembrane receptor TLR3 or by the cytoplasmic RNA helicases MDA5 and RIGI. These interactions initiate signaling pathways that differ in their initial steps but converge in the activation of the protein kinases IKKA and IKKB which activate NFKB, or TBK1 and IKKE (IKBKE; MIM 605048), which activate IRF3. Activated IRF3 and NFKB induce transcription of IFNB. For the TLR3 pathway, the intermediary molecule before the pathways converge is the cytoplasmic protein TRIF. For RIGI, the intermediary protein is mitochondria-bound IPS1.

Application Notes

Titration of the MAVS antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 477-505 from the human protein was used as the immunogen for this MAVS antibody.

Storage

Aliquot the MAVS antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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