

For Research Use Only

MAVS; VISA Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66911-1-PBS

Featured Product



Basic Information

Catalog Number:

66911-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5949

GenBank Accession Number:

BC044952

GeneID (NCBI):

57506

UNIPROT ID:

Q7Z434

Full Name:

mitochondrial antiviral signaling protein

Calculated MW:

57 kDa

Observed MW:

50-55 kDa, 70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

1A8E9

Applications

Tested Applications:

WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:

human

Background Information

Mitochondrial antiviral-signaling protein (MAVS) is also known as virus-induced-signaling adapter (VISA) or IFN beta promoter stimulator protein 1 (IPS-1), it is widely involved and required for innate immune defense against viruses. MAVS, present in T cells, monocytes, epithelial cells and hepatocytes, contains CARD and transmembrane domains which are essential for antiviral functions. MAVS is able to interact with various cellular proteins including DDX58/RIG-I, IFIH1/MDA5, TRAF2, TRAF6, TMEM173/MLA, IFIT3 and etc. It can undergo phosphorylation on multiple sites and ubiquitination, which may together cause the molecular weight migrate to about 70 kDa despite the predicated 57 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

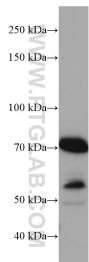
T: 4006900926

E: Proteintech-CN@ptglab.com

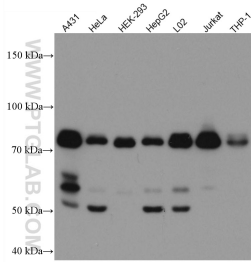
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

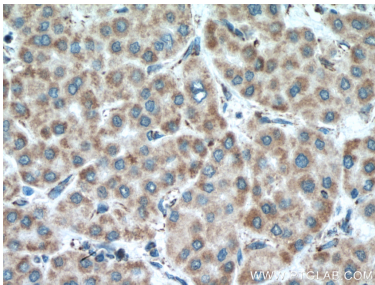
Selected Validation Data



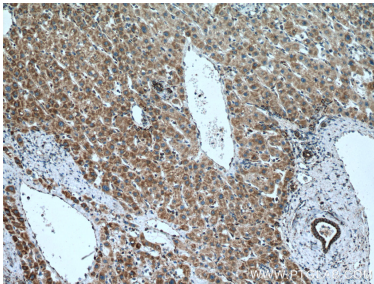
A431 cells were subjected to SDS PAGE followed by western blot with 66911-1-Ig (MAVS; VISA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66911-1-PBS in a different storage buffer formulation.



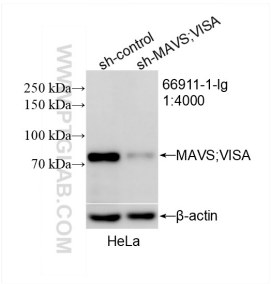
Various lysates were subjected to SDS PAGE followed by western blot with 66911-1-Ig (MAVS; VISA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66911-1-PBS in a different storage buffer formulation.



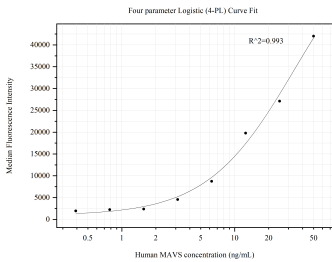
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66911-1-Ig (MAVS; VISA antibody) at dilution of 1:1100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66911-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66911-1-Ig (MAVS; VISA antibody) at dilution of 1:1100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66911-1-PBS in a different storage buffer formulation.



WB result of MAVS; VISA antibody (66911-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MAVS; VISA transfected HeLa cells. This data was developed using the same antibody clone with 66911-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50509-3, MAVS; VISA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66911-1-PBS. Detection antibody: 66911-4-PBS. Standard:Ag5949. Range: 0.391-50 ng/mL