

For Research Use Only

# CoraLite®488-conjugated MAVS; VISA Polyclonal antibody



Catalog Number:CL488-14341

## Basic Information

<b>Catalog Number:</b> CL488-14341	<b>GenBank Accession Number:</b> BC044952	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57506	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> mitochondrial antiviral signaling protein	<b>Excitation/Emission maxima wavelengths:</b> 488 nm/515 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 57 kDa	
<b>Immunogen Catalog Number:</b> AG5655		

## Applications

<b>Tested Applications:</b> IF, ELISA	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> 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/MITA, IFIT3 and etc. This antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

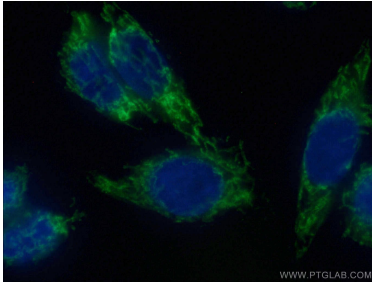
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL488-14341 (MAVS; VISA antibody) at dilution of 1:50.