

## MAVS antibody

### Product Information

Catalog No.:	FNab05032
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Required for innate immune defense against viruses. Acts downstream of DDX58/RIG-I and IFIH1/MDA5, which detect intracellular dsRNA produced during viral replication, to coordinate pathways leading to the activation of NF-kappa-B, IRF3 and IRF7, and to the subsequent induction of antiviral cytokines such as IFN-beta and RANTES(CCL5). Peroxisomal and mitochondrial MAVS act sequentially to create an antiviral cellular state. Upon viral infection, peroxisomal MAVS induces the rapid interferon-independent expression of defense factors that provide short-term protection, whereas mitochondrial MAVS activates an interferon-dependent signaling pathway with delayed kinetics, which amplifies and stabilizes the antiviral response. May activate the same pathways following detection of extracellular dsRNA by TLR3. May protect cells from apoptosis. 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.

### Immunogen information

Immunogen:	mitochondrial antiviral signaling protein
Synonyms:	Mitochondrial antiviral-signaling protein (MAVS) CARD adapter inducing interferon beta (Cardif) Interferon beta promoter stimulator protein 1 (IPS-1) Putative NF-kappa-B-activating protein 031N Virus-induced-signaling adapter (VISA) MAVS IPS1 KIAA1271 VISA
Observed MW:	70 kDa
Uniprot ID :	Q7Z434

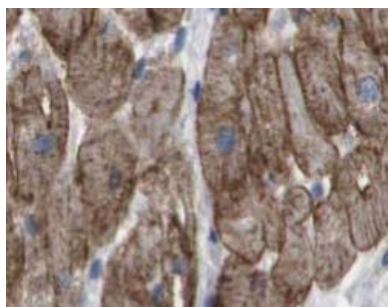
### Application

Reactivity:	Human, Mouse
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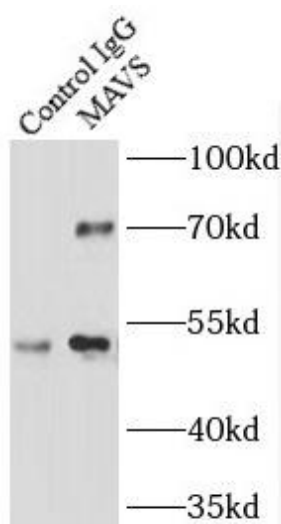
Tested Application: ELISA, WB, IF, IP, IHC

Recommended dilution: WB: 1:1000-1:4000; IP: 1:500-1:2000; IHC: 1:100-1:500; IF: 1:10-1:100

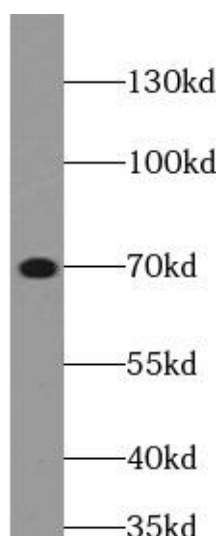
Image:



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab05032(MAVS Antibody) at dilution of 1:100



IP Result of anti-MAVS; VISA (IP:FNab05032, 3ug; Detection:FNab05032 1:1000) with HEK-293 cells lysate 1700ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab05032(MAVS antibody) at dilution of 1:2000