

[Go to Product page](#)

Datasheet for ABIN7159830 **anti-MAVS antibody (AA 1-65)**

Overview

Quantity:	100 µL
Target:	MAVS
Binding Specificity:	AA 1-65
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAVS antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Mitochondrial antiviral-signaling protein (1-65AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	MAVS
Alternative Name:	MAVS (MAVS Products)
Background:	Background: Required for innate immune defense against viruses. Acts downstream of DDX58/RIG-I and IFIH1/MDA5, which detect intracellular dsRNA produced during viral

Target Details

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.

Aliases: CARD adapter inducing interferon beta antibody, CARD adaptor inducing IFN beta antibody, Cardif antibody, DKFZp666M015 antibody, FLJ27482 antibody, FLJ41962 antibody, IFN B promoter stimulator 1 antibody, Interferon beta promoter stimulator protein 1 antibody, Ips 1 antibody, IPS-1 antibody, Ips1 antibody, KIAA1271 antibody, MAVS antibody, MAVS_HUMAN antibody, Mitochondrial anti viral signaling protein antibody, Mitochondrial Antiviral Signaling antibody, Mitochondrial antiviral signaling protein antibody, Mitochondrial antiviral-signaling protein antibody, Putative NF kappa B activating protein 031N antibody, Putative NF-kappa-B-activating protein 031N antibody, Virus induced signaling adapter antibody, virus induced signaling adaptor antibody, Virus-induced-signaling adapter antibody, VISA antibody

UniProt: [Q7Z434](#)

Pathways: [Activation of Innate immune Response](#), [Inositol Metabolic Process](#), [Hepatitis C](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.