



[Go to Product page](#)

Datasheet for ABIN6990436
anti-CARD11 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	CARD11
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CARD11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	CARMA1 antibody was raised against a synthetic peptide corresponding to amino acids at the C-terminus of human CARMA1. The immunogen is located within the last 50 amino acids of CARMA1.
Isotype:	IgG
Purification:	CARMA1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CARD11
Alternative Name:	CARMA1 (CARD11 Products)
Background:	CARMA1 Antibody: CARMA proteins belong to the membrane-associated guanylate kinase-like

Target Details

(MAGUK) family of proteins that can function as molecular scaffolds that assist assembly of signal transduction molecules. CARMA1, CARMA2, and CARMA3 share high degrees of sequence and functional homology, but their tissue-specific distribution suggests that they serve distinct biological functions in different cell types. Both CARMA1 and CARMA3 associate with NEMO, the regulatory subunit of the I κ B complex, thereby regulating activation of the NF- κ B transcription factor. Also, gene inactivation studies showed a complete block in T and B cell immunity as well as an impaired response to LPS, indicating that CARMA1 is a critical regulator in both the adaptive and innate immune systems.

Gene ID: 84433

UniProt: [Q9BXL7](#)

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [BCR Signaling](#)

Application Details

Application Notes: CARMA1 antibody can be used for detection of CARMA1 by Western blot at 0.5 to 2 μ g/mL. A band at approximately 125 kDa can be detected. Antibody can also be used for immunohistochemistry starting at 10 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CARMA1 Antibody is supplied in PBS containing 0.02 % sodium azide.

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, 4 °C

Storage Comment: CARMA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies

should not be exposed to prolonged high temperatures.