Anti-CARD11 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015340

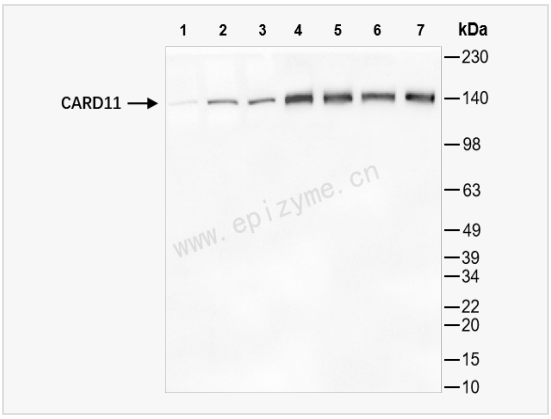
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	16I25F35
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CARD11
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CARD11 Rabbit mAb [16I25F35] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	0610008L17Rik; 2410011D02Rik; Bcl10 interacting maguk protein 3; BIMP 3; BIMP3; CAR11_HUMAN; CARD 11; CARD containing MAGUK protein 3; Card maguk protein 1; CARD-containing MAGUK protein 1; CARD11; CARD11 protein; Carma 1; CARMA1; Caspase recruitment domain containing protein 11; Caspase recruitment domain family member 11; Caspase recruitment domain-containing protein 11; MGC133069.
Calculated MW	Calculated MW: 133 kDa; Observed MW: 140 kDa
Uniprot ID	Q9BXL7
Gene ID	84433
Background	The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein has a domain structure similar to that of CARD14 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm. Membrane raft. Colocalized with DPP4 in membrane rafts.
Tissue Location	Detected in adult peripheral blood leukocytes, thymus, spleen and liver. Also found in promyelocytic leukemia HL-60 cells, chronic myelogenous leukemia K562 cells, Burkitt's lymphoma Raji cells and colorectal adenocarcinoma SW480 cells. Not

Validation Images



Western Blot - Anti-CARD11 Rabbit mAb [16I25F35]
All lanes: R015340 at 1:1,000 dilution
Lane 1: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
Lane 2: K562 (Human chronic myeloid leukemia cell) whole cell lysates
Lane 3: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 4: Mouse spleen whole tissue lysates
Lane 5: Mouse lymphoid whole tissue lysates
Lane 6: Rat spleen whole tissue lysates
Lane 7: Rat lymphoid whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 133 kDa
Observed band size: 140 kDa
Developed using the ECL technique (Cat. No. SQ201).