

CARD11 Monoclonal antibody

Catalog Number: 68269-1-Ig

Basic Information

Catalog Number:

68269-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG16468

GenBank Accession Number:

BC111719

GeneID (NCBI):

84433

UNIPROT ID:

Q9BXL7

Full Name:caspase recruitment domain family,
member 11**Calculated MW:**

1154 aa, 133 kDa

Observed MW:

140 kDa

Purification Method:

Protein G purification

CloneNo.:

3F5H6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : MOLT-4 cells, Raji cells, Jurkat cells, K-562 cells

IF/ICC : L02 cells,

Background Information

CARD11 also named as BIMP3 or CARMA1, is a 1154 amino acid protein, which contains one PDZ domain, one guanylate kinase-like domain, and one CARD domain. CARD11 localizes in the cytoplasm and co-localized with DPP4 in membrane raft. CARD11 is detected in adult peripheral blood leukocytes, thymus, spleen and liver. CARD11 also is found in CARD11 promyelocytic leukemia HL-60 cells, chronic myelogenous leukemia K-562 cells, Burkitt's lymphoma Raji cells and colorectal adenocarcinoma SW480 cells. CARD11 is involved in the co-stimulatory signal essential for T-cell receptor mediated T-cell activation.

Storage

Storage:

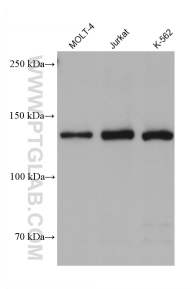
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

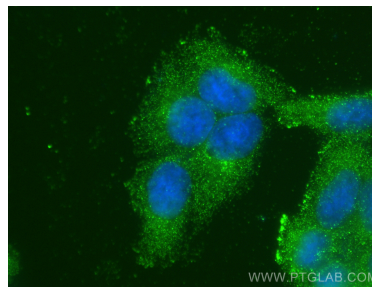
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68269-1-Ig (CARD11 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed L02 cells using CARD11 antibody (68269-1-Ig, Clone: 3F5H6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).