

## CARD9 Antibody

Catalog No: #24160

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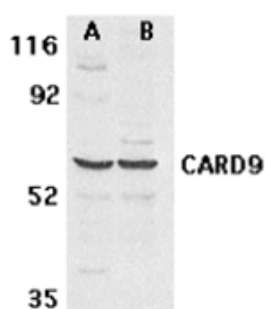
## Description

Product Name	CARD9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	CARD9 Antibody is DEAE purified.
Applications	ELISA WB ICC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids 521 to 536 of human CARD9. The sequence is different from that of rat origin by two amino acids.
Target Name	CARD9
Accession No.	Swiss-Prot:Q9H257Gene ID:64170
Uniprot	Q9H257
GeneID	64170;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

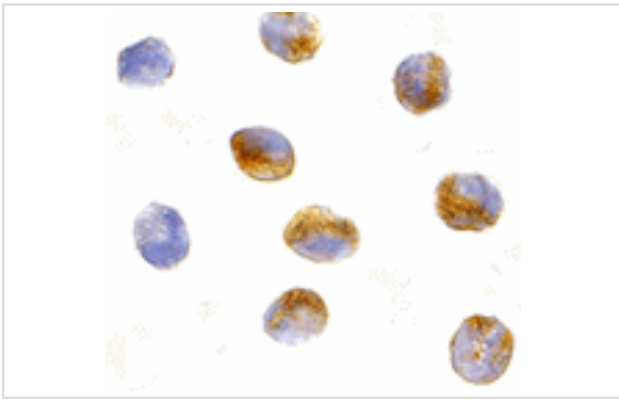
## Application Details

Predicted MW: 59 kd

## Images



Western blot analysis of CARD9 expression in human MDA-MB-361 (A) and PC-3 (B) cell lysate with CARD9 antibody at 2.5 ug/ml.



Immunocytochemistry of CARD9 in K562 cells with CARD9 antibody at 10 ug/ml.

## Background

Apoptosis is related to many diseases and development. Cell death signals are transduced by death domain (DD), death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. CARD containing proteins include some caspases, Apaf-1, CARD4, IAPs, RICK, ARC, RAIDD, BCL-10, and ASC. A novel CARD-containing protein was recently identified and designated CARD9, which interacts with the CARD activation domain of BCL-10. CARD9 associates with BCL-10 and forms a complex within cells. CARD9 induces apoptosis and activates NF- $\kappa$ B. CARD9 is an upstream activator of BCL-10 and NF- $\kappa$ B signaling.

Note: This product is for in vitro research use only