

For Research Use Only

# CARD9 Monoclonal antibody

Catalog Number: 68657-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 68657-1-Ig	<b>GenBank Accession Number:</b> BC008877	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64170	<b>CloneNo.:</b> 2F3E10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9H257	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> caspase recruitment domain family, member 9	
<b>Immunogen Catalog Number:</b> AG33643	<b>Calculated MW:</b> 62 kDa	
	<b>Observed MW:</b> 55-65 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> NK-92 cells, HL-60 cells, TF-1 cells, THP-1 cells, U-937 cells, MOLT-4 cells <b>IF/ICC :</b> HeLa cells,

## Background Information

CARD9, a member of the caspase recruitment domain (CARD) protein family, plays an important regulatory role in cell apoptosis. Defects in CARD9 are the cause of familial candidiasis type 2 (CANDF2) characterized by impaired clearance of fungal infections and results in colonization and infections of the mucosa or skin, predominantly with Candida albicans. CARD9 is highly expressed in the spleen and regulates activation of NF-kappa-B by interaction with positive regulator of apoptosis BCL10 via the CARD domain.

## Storage

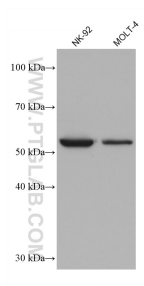
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

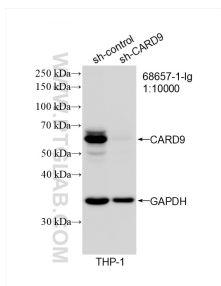
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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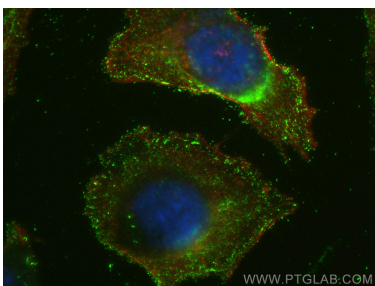
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68657-1-Ig (CARD9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of CARD9 antibody (68657-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CARD9 transfected THP-1 cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CARD9 antibody (68657-1-Ig, Clone: 2F3E10 ) at dilution of 1:400 and Multi-rAb CoraLite Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).