

For Research Use Only

# CARD9 Monoclonal antibody

Catalog Number: 68657-1-Ig



## 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> 1000 µg/ml	<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
<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, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB:</b> NK-92 cells, HL-60 cells, TF-1 cells, U-937 cells, THP-1 cells, MOLT-4 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 spleen and regulate 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

For technical support and original validation data for this product please contact:

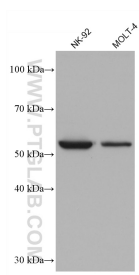
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## Selected Validation Data



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.