

For Research Use Only

CARD9 Recombinant monoclonal antibody

Catalog Number: 85749-1-RR



Basic Information

Catalog Number: 85749-1-RR	GenBank Accession Number: BC008877	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 64170	CloneNo.: 250045G3
Isotype: IgG	UNIPROT ID: Q9H257	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: AG33643	Full Name: caspase recruitment domain family, member 9	
	Calculated MW: 62 kDa	
	Observed MW: 60-65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, RAW 264.7 cells, THP-1 cells
Species Specificity: human, mouse	

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 resulting 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 the 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, pH7.3
Aliquoting is unnecessary for -20°C storage

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

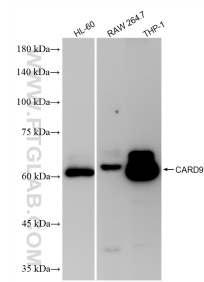
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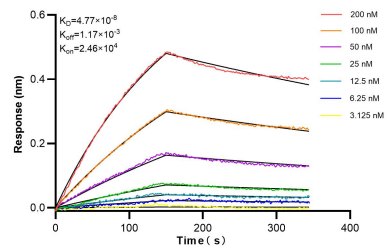
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85749-1-RR (CARD9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85749-1-RR against Human CARD9 were performed. The affinity constant is 14.3 nM.