

For Research Use Only

CARD9 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85749-1-PBS



Basic Information

Catalog Number:

85749-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33643

GenBank Accession Number:

BC008877

GeneID (NCBI):

64170

UNIPROT ID:

Q9H257

Full Name:

caspase recruitment domain family, member 9

Calculated MW:

62 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

250045G3

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

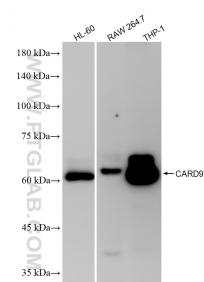
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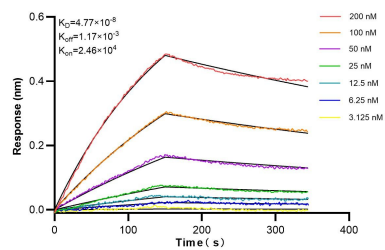
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Selected Validation Data



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. This data was developed using the same antibody clone with 85749-1-PBS in a different storage buffer formulation.



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