

## Product datasheet for **TA811909AM**

### **CARD9 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3F8]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI3F8
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CARD9 (NP_434700) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62.1 kDa
Gene Name:	caspase recruitment domain family member 9
Database Link:	<a href="#">NP_434700</a> <a href="#">Entrez Gene 64171 Rat</a> <a href="#">Entrez Gene 332579 Mouse</a> <a href="#">Entrez Gene 64170 Human</a> <a href="#">Q9H257</a>



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**Background:**

The protein encoded by this gene is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a positive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined. [provided by RefSeq, Jul 2008]

**Synonyms:**

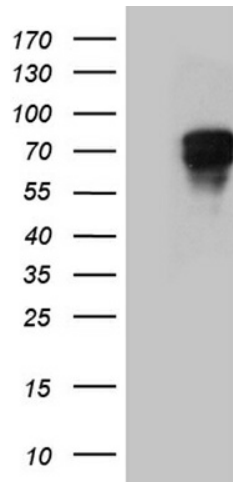
CANDF2; hCARD9

**Protein Families:**

Druggable Genome

**Protein Pathways:**

NOD-like receptor signaling pathway

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CARD9 (Cat# [RC215899], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CARD9 (Cat# [TA811909]). Positive lysates [LY409473] (100ug) and [LC409473] (20ug) can be purchased separately from OriGene.