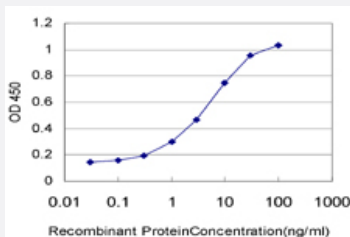


# CARD14 monoclonal antibody (M01), clone 4B3

Catalog # H00079092-M01

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CARD14 is approximately 0.1ng/ml as a capture antibody.

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CARD14.
Immunogen	CARD14 (NP_077015, 905 a.a. ~ 1004 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VQLDSVCTLHRMDIFPVIHVSVNEKMAKKLKKGLQRLGTSEEQLLEAARQEEGDLDRAPCLYSSL APDGWSDLDGLLSCVRQAIADQKKVWTEQSPR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CARD14 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CARD14

Entrez GeneID [79092](#)

GeneBank Accession# [NM\\_024110](#)

Protein Accession# [NP\\_077015](#)

Gene Name CARD14

Gene Alias BIMP2, CARMA2

Gene Description caspase recruitment domain family, member 14

Omim ID [607211](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene belongs to the membrane-associated guanylate kinase (MAGUK) family, a class of proteins that functions as molecular scaffolds for the assembly of multiprotein complexes at specialized regions of the plasma membrane. This protein is also a member of the CARD protein family, which is defined by carrying a characteristic caspase-associated recruitment domain (CARD). This protein shares a similar domain structure with CARD11 protein. The CARD domains of both proteins have been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. When expressed in cells, this protein activated NF-kappaB and induced the phosphorylation of BCL10. Two alternatively spliced variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

**Other Designations**

CARD-containing MAGUK 2 protein|bcl10-interacting maguk protein 2|card-maguk protein 2|caspase recruitment domain protein 14

## Disease

- [Cerebral Hemorrhage](#)

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)