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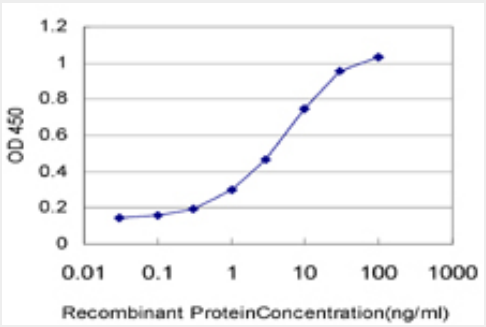
CARD14 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CARD14.
Catalog # AT1396a

Specification

CARD14 Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	Q9BXL6
Other Accession	NM_024110
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	113270



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

CARD14 Antibody (monoclonal) (M01) - Additional Information

Gene ID 79092

Other Names
Caspase recruitment domain-containing protein 14, CARD-containing MAGUK protein 2, Carma 2, CARD14, CARMA2

Target/Specificity
CARD14 (NP_077015, 905 a.a. ~ 1004 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
CARD14 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CARD14 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

CARD14 Antibody (monoclonal) (M01) - Background

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.

CARD14 Antibody (monoclonal) (M01) - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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