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Datasheet for ABIN1724709

## anti-CD166 antibody (AA 405-524)

1 Image

2 Publications

### Overview

Quantity:	100 µL
Target:	CD166 (ALCAM)
Binding Specificity:	AA 405-524
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD166 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Purified recombinant fragment of ALCAM (aa405-524) expressed in E. coli.
Clone:	3F8B12
Isotype:	IgG2a
Purification:	purified

### Target Details

Target:	CD166 (ALCAM)
Alternative Name:	ALCAM ( <a href="#">ALCAM Products</a> )
Background:	Description: ALCAM(CD166): Activated leukocyte cell adhesion molecule. CD166 is a member of the Ig superfamily and is expressed on activated T-cells, B cells and other cells including thymic

## Target Details

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epithelial cells, fibroblasts, keratinocytes and neurons. CD6 has been identified as a receptor for CD166.

Aliases: MEMD, CD166

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Gene ID: 214

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HGNC: 214

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

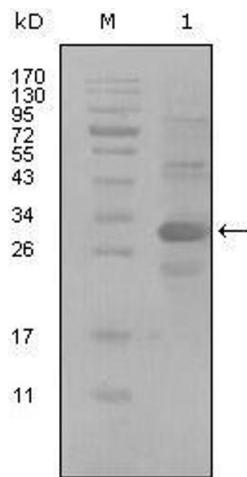
Storage Comment: 4°C, -20°C for long term storage

## Publications

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Product cited in: Zimmerman, Nelissen, van Emst-de Vries, Willems, de Lange, Collard, van Leeuwen, Figdor: "Cytoskeletal restraints regulate homotypic ALCAM-mediated adhesion through PKCalpha independently of Rho-like GTPases." in: **Journal of cell science**, Vol. 117, Issue Pt 13, pp. 2841-52, (2004) ([PubMed](#)).

Fujiwara, Tatsumi, Kosaka, Sato, Higuchi, Yoshioka, Maeda, Ueda, Fujii: "Human blastocysts and endometrial epithelial cells express activated leukocyte cell adhesion molecule (ALCAM/CD166)." in: **The Journal of clinical endocrinology and metabolism**, Vol. 88, Issue 7, pp. 3437-43, (2003) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis using ALCAM mouse mAb against truncated Trx-ALCAM recombinant protein (1).