

Datasheet for ABIN968954

anti-CD166 antibody (AA 405-524)



[Go to Product page](#)

1 Image

4 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:	Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	ALCAM Antibody
Immunogen:	Purified recombinant fragment of ALCAM (aa405-524) expressed in E. Coli.
Clone:	10F1G12
Isotype:	IgG1
Purification:	Ascitic fluid

Target Details

Target:	CD166 (ALCAM)
Alternative Name:	ALCAM (ALCAM Products)
Background:	ALCAM(CD166): Activated leukocyte cell adhesion molecule.CD166 is a member of the Ig

Target Details

superfamily and is expressed on activated T-cells, B cells and other cells including thymic epithelial cells, fibroblasts, keratinocytes and neurons. CD6 has been identified as a receptor for CD166.

Gene ID: 214

UniProt: [Q13740](#)

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

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: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

Product cited in: Jezierska, Matysiak, Motyl: "ALCAM/CD166 protects breast cancer cells against apoptosis and autophagy." in: **Medical science monitor : international medical journal of experimental and clinical research**, Vol. 12, Issue 8, pp. BR263-73, (2006) ([PubMed](#)).

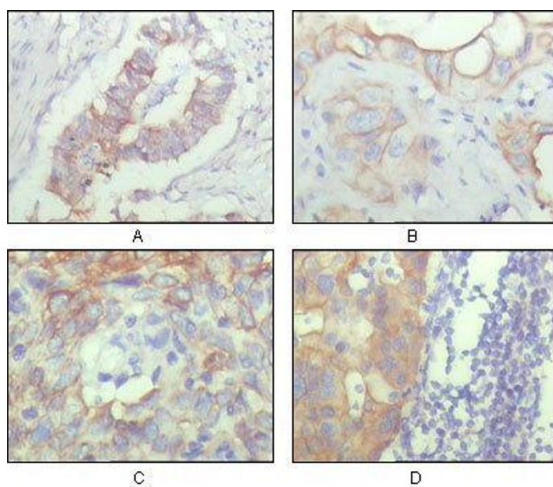
Zimmerman, Nelissen, van Emst-de Vries, Willems, de Lange, Collard, van Leeuwen, Figdor: "Cytoskeletal restraints regulate homotypic ALCAM-mediated adhesion through PKCalpha independently of Rho-like GTPases." in: **Journal of cell science**, Vol. 117, Issue Pt 13, pp. 2841-52, (2004) ([PubMed](#)).

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](#)).

Zutt, Emmert, Hänssle, Gräfe, Domhof, Neumann, Kretschmer: "[Improved scar formation after using a medical surgical zipper for wound closure under tension]." in: **Der Hautarzt; Zeitschrift für Dermatologie, Venerologie, und verwandte Gebiete**, Vol. 54, Issue 4, pp. 342-7, (2003) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human ovary carcinoma (A), kidney carcinoma (B), lung carcinoma (C) and breast carcinoma (D), showing cytoplasmic and membrane localization with DAB staining using ALCAM mouse mAb.