

Mouse anti-Human CD166/ALCAM Monoclonal Antibody | anti-CD166/ALCAM antibody

Mouse anti Human CD166/ALCAM Antibody, Mouse MAb

CATALOG # AAA173436	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence
-------------------------------	----------------------	----------------------------	---

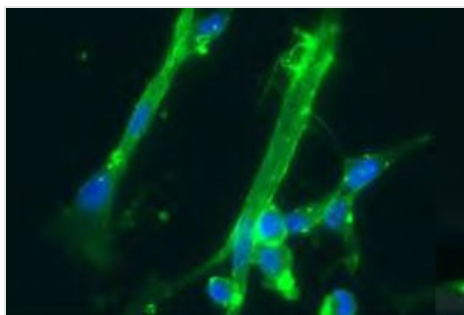
PRODUCT SYNONYMS

CD166/ALCAM; Monoclonal Antibody; Mouse anti Human CD166/ALCAM Antibody; Mouse MAb; CD166; MEMD; anti-CD166/ALCAM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Protein A
Sequence Length	570
Applicable Applications for anti-CD166/ALCAM antibody	IF (Immunofluorescence)
Immunogen	Recombinant Human CD166/ALCAM protein
Buffer	0.2 µm filtered solution in PBS
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MSC cells using CD166 /ALCAM Monoclonal Antibody at dilution of 1:60

ADDITIONAL INFORMATION

Related Product Information for anti-CD166/ALCAM antibody	Activated leukocyte cell adhesion molecule (ALCAM)/Cluster of differentiation (CD166) is a type I transmembrane cell adhesion molecule belonging to the Ig superfamily and a ligand for CD6 that is expressed on T lymphocytes. The extracellular domain of ALCAM contains five Ig-like domains (three Ig-like C2-type domains and two Ig-like V-type domains), of which the amino-terminal V1 domain is essential for ligand binding and ALCAM-mediated cell aggregation. ALCAM mediates both heterophilic (ALCAM-CD6) and homophilic (ALCAM-ALCAM) cell-cell interactions. ALCAM/CD6 interaction plays a role in T cell development and T cell regulation, as well as in the binding of T- and B-cells to activated leukocytes. Recently, homophilic (ALCAM-ALCAM) adhesion was shown to play important roles in tight cell-to-cell interaction and regulation of stem cell differentiation. While expressed in a wide variety of tissues, ALCAM is usually restricted to subsets of cells involved in dynamic growth and/or migration, including neural development, branching organ development, hematopoiesis, immune response and tumor progression. And CD166 is regarded as a potential novel breast cancer indicator and therapeutic target.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	343168770
NCBI GeneID	214
NCBI GenBank Nucleotide #	NM_001243280.1
NCBI Official Full Name	CD166 antigen isoform 2
NCBI Official Synonym Full Names	activated leukocyte cell adhesion molecule
NCBI Official Symbol	ALCAM
NCBI Official Synonym Symbols	MEMD; CD166
NCBI Protein Information	CD166 antigen
UniProt Protein Name	CD166 antigen
UniProt Gene Name	ALCAM
UniProt Entry Name	CD166_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd166-alcam-antibody-immunofluorescence-elisa/173436>