

A Reliable Research Partner in Life Science and Medicine

CD166/ALCAM Monoclonal Antibody

catalog number: AN200008P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human CD166 / ALCAM protein

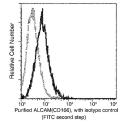
Host Mouse
Isotype IgG1
Clone A852
Purification Protein A

Buffer 0.2 µm filtered solution in PBS

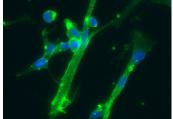
Applications Recommended Dilution

ICC/IF 1:20-1:100 FCM 1:25-1:100

Data



Flow cytometric analysis of human ALCAM(CD166) expression on Jurkat cells. Cells were stained with purified anti-Human ALCAM(CD166), then a FITC-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescence staining of Human CD166 in MSC cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with Mouse anti-Human CD166 Monoclonal Antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Antimouse IgG secondary antibody (green) and counterstained with DAPI for nuclear staining (blue). Positive staining was localized to cells membrane.

Rev. V1.2

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

CD166, also known as the CD6 ligand or the Activated Leukocyte Cell Adhesion Molecule (ALCAM), is a 100-105 kD transmembrane glycoprotein. It belongs to the lg superfamily of proteins and expressed on activated T cells, activated monocytes, epithelial cells, fibroblasts, and neurons. CD166 plays an important role in mediating adhesion interactions between thymic epithelial cells and CD6+ cells during intrathymic T cell development. Recently CD166 has also been used as a potential cancer stem cell marker. The antibody reacts withHumanactivated leukocyte cell adhesion molecule (ALCAM).

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com