

Purified Anti-Human CD166 Antibody[3A6]

catalog number: AN004260P

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

Description

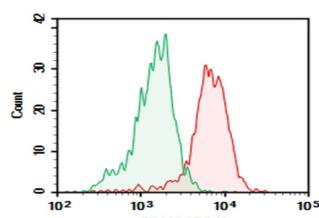
Reactivity	Human
Immunogen	Recombinant Human CD166 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	3A6
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 µg/mL(0.5×10 ⁶ -1×10 ⁶ cells)
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Data



Verified Samples in FCM: Human peripheral blood

monocytes cells

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid 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 Ig 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 with human activated leukocyte cell adhesion molecule (ALCAM).

For Research Use Only

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