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## 12-9481: Anti-CD166 antibody(DMC682); IgG1 Chimeric mAb

Clonality: Monoclonal
Clone Name: DMC682
Application: FACS
Reactivity: Human
Uniprot ID: Q13740-1
Alternative Name: CD166; MEMD

**Isotype:** Rabbit/Human Fc chimeric IgG1

## **Description**

Description :Anti-CD166 antibody(DMC682); IgG1 Chimeric mAb

This gene encodes activated leukocyte cell adhesion molecule (ALCAM); also known as CD166 (cluster of differentiation 166); which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6; and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq; Aug 2011]

## **Product Info**

**Amount:** 10 μg / 100 μg

**Purification:** Purified from cell culture supernatant by affinity chromatography

Content: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

**Storage condition:** for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

## **Application Note**

FACS 1:100

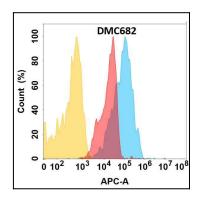


Figure 1. CD166 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CD166 (DMC682) on Expi293 cells transfected with human CD166 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).