

Mouse Monoclonal Antibody to CD166

Catalogue Number sAP-1674

Target Molecule **Name:** CD166

Aliases: MEMD; ALCAM

MW: 65kDa

Entrez Gene ID: 214

Description 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 anti-gene CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

Immunogen Purified recombinant fragment of human CD166 (AA: extra 227-381) expressed in E. Coli.

Reactive Species Human;

Clone MM2F1B12

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide

Reconstitution/Storages Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1.Diagn Pathol. 2015 Jul 2;10:86.2.Asian Pac J Cancer Prev. 2015;16(9):3849-56.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**