

## Mouse Monoclonal Antibody to AICAM

**Catalogue Number** sAP-0748

**Target Molecule** **Name:** AICAM

**Aliases:** MEMD; CD166; FLJ38514; MGC71733

**MW:** 65.1kDa

**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 AICAM (AA: 405-524) expressed in E. Coli.

**Reactive Species** Human;

**Clone** MM5B3;

**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; IHC: 1 to 200 - 1 to 1000

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1.Vascul Pharmacol. 2011 Mar-Jun;54(3-6):93-9. 2.Int J Gynecol Cancer. 2011 Apr;21(3):523-8.

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**