



AICAM

Mouse monoclonal Antibody

#54021

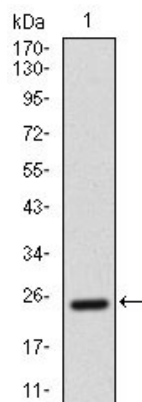
Catalog Number: 54021**Amount:** 100µg/100µl**Swiss-Prot No. :**Q13740**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human AICAM protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of AICAM and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 26.3kd WB: 1:500-2000 IHC:1:200-1000

Figure 1: Western blot analysis using AICAM mAb against human AICAM recombinant protein. (Expected MW is 26.3 kDa)

Background:

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