

bsm-30106M

[Primary Antibody]

CD146 Mouse mAb



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— DATASHEET —

Host: Mouse

Clonality: Monoclonal

GeneID: 4162

Target: CD146

Purification: affinity purified by Protein G

Concentration: 0.5mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: MCAM (MUC18 antigen, CD146), a member of the immunoglobulin superfamily, is an intrinsic membrane glycoprotein of 110-120 kDa found on the surface of endothelial cells, bone marrow fibroblasts and various melanomas. MCAM (Melanoma adhesion molecule) has been used as a marker of tumor progression in human melanoma because expression in those tumors correlates strongly with poor prognosis and the development of metastatic disease. In addition, a number of human T, B and myeloid leukemic cell lines seem to express MCAM. The close structural relationship with NCAM and related molecules suggests that MCAM may be also a developmentally regulated cell adhesion.

Isotype: IgG

CloneNo.: P1H12

SWISS: P43121

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

Flow-Cyt (1µl/Tests)

Reactivity: (predicted: Human)

**Predicted
MW.:** 118 kDa

**Subcellular
Location:** Cell membrane