

Anti-CD146 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Cow,Horse)
Molecular Weight:	Theoretical: 71 kDa. Actual: 115 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Human Huvec cell lysates Lane 2: Human Hela cell lysates Lane 3: Human U2OS cell lysates Lane 4: Human U251 cell lysates
Verified Activity:	Primary: Anti-CD146 (TMAB-03852) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 71 kDa Observed band size: 115 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CD146
Antigen Species:	Human
Gene ID:	4162
Uniprot ID:	P43121

Research 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 N-CAM and related molecules suggests that MCAM may be also a developmentally regulated cell adhesion.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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