

MCAM Polyclonal Antibody

catalog number: E-AB-53284

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

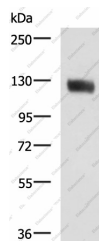
Reactivity	Human
Immunogen	Synthetic peptide of human MCAM
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

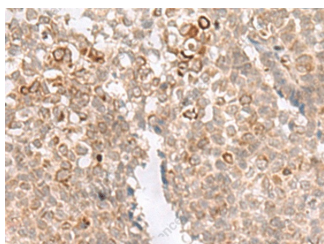
WB	1:500-1:2000
IHC	1:40-1:200

Data

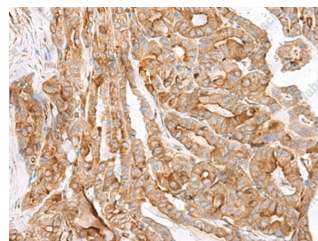


Western blot analysis of Human leiomyosarcoma tissue lysate using MCAM Polyclonal Antibody at dilution of 1:400

Observed-MW: Refer to figures
Calculated-MW: 72 kDa



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using MCAM Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MCAM Polyclonal Antibody at dilution of 1:40(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.8

CD146, also known as melanoma cell adhesion molecule (MCAM) or MUC18, originally identified as a biomarker of melanoma progression, is a transmembrane glycoprotein belonging to the immunoglobulin (Ig) superfamily. Structurally, it consists of five Ig domains, a transmembrane domain, and a cytoplasmic region. In normal adult tissue, CD146 is primarily expressed by vascular endothelium and smooth muscle. CD146 is a key cell adhesion protein in vascular endothelial cell activity and angiogenesis, and has been used as a marker of circulating endothelial cells (CECs).