9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-1418: Monoclonal Antibody to MUC18 / CD146 / MCAM (Melanoma Cell Adhesion Molecule)(Clone : C146/634)

Clonality :	Monoclonal
Clone Name :	C146/634
Application :	FACS,IF,IHC
Reactivity :	Human
Gene :	MCAM
Gene ID :	4162
Uniprot ID :	P43121
Format :	Purified
Alternative Name :	MCAM,MUC18
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human CD146 protein

Description

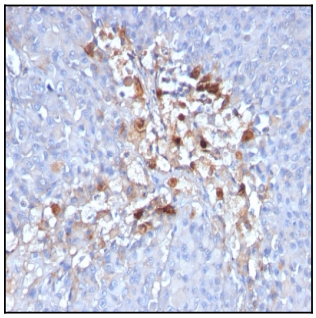
The human CD146 gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated MCAM, MUC 18, that belongs to the immunoglobulin superfamily and functions as a Ca2+-independent cell adhesion molecule. CD146 expression is restricted to advanced primary and metastatic melanomas and to cell lines of the neuroectodermal lineage, but not normal melanocytes. CD146 is found on 80% of advanced primary human melanomas and correlates well with development of metastatic disease.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

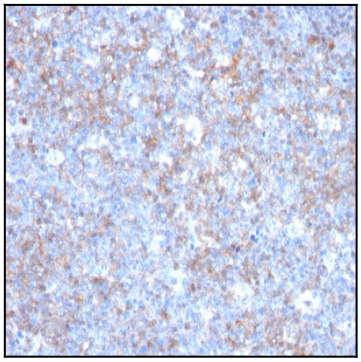
Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 7.5-8.5, for 45 min at 95&degC followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Melanoma stained with CD146 Monoclonal Antibody (C146/634)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com



Formalin-fixed, paraffin-embedded human Tonsil stained with CD146 Monoclonal Antibody (C146/634)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.