

Human MCAM/CD146 Fluorescein-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # 128018

Catalog Number: FAB932F 100 TESTS

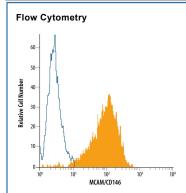
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human MCAM/CD146 in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody does not cross-react wi recombinant human (rh) ALCAM, rhBCAM, rhEpCAM, rhNCAM-L1, recombinant mouse (rm)OCAM, or rmMAdCAM-1.		
Source	Monoclonal Mouse IgG ₁ Clone # 128018		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Mouse myeloma cell line NS0-derived recombinant human MCAM/CD146 Val24-Gly559 Accession # AAA20824		
Conjugate	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



Detection of MCAM/CD146 in HeLa Human Cell Line by Flow Cytometry. HeLa human cervical epithelial carcinoma cell line was stained with Mouse Anti-Human MCAM/CD146 Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB932F, filled histogram) or isotype control antibody (Catalog # IC002F, open histogram). View our protocol for Staining Membraneassociated Proteins.

PREPARATION AND STORAGE

ShippingThe product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

MCAM, also known as CD146 and MUC18, is a putative adhesion molecule that belongs to the immunoglobulin superfamily. It is associated with tumor progression and metastasis of various carcinomas and may be involved in embryonic neural development.

