EpCAM Antibody VU-1D9 CF488 Conjugate [clone VU-1D9] (V2184CF488)

Catalog No.	Formulation	Size
V2184CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	CF488 Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	VU-1D9
Purity	Protein G affinity chromatography
UniProt	P16422
Localization	Cell surface
Applications	Flow cytometry: 5ul per test per one 10^6 cells in 0.1ml or 5ul per 100ul of whole blood Immunofluorescence: 1:50-1:100
Limitations	This EpCAM antibody VU-1D9 is available for research use only.



Description

EGP40 is a 40-43kDa transmembrane epithelial glycoprotein, also identified as epithelial specific antigen (ESA), or epithelial cellular adhesion molecule (Ep-CAM). It is expressed on baso-lateral cell surface in most simple epithelia and a vast majority of carcinomas. This antibody has been used to distinguish adenocarcinoma from pleural mesothelioma and hepatocellular carcinoma. This antibody is also useful in distinguishing serous carcinomas of the ovary from

mesothelioma.

Explore our EpCAM Antibody / Epithelial Cell Marker Antibody page for additional validation data and applications involving epithelial cell identification, tissue organization, and epithelial-derived tumor research.

Application Notes

Optimal dilution of the EpCAM antibody VU-1D9 should be determined by the researcher.

Immunogen

Small cell lung carcinoma cells were used as the immunogen for the CF488-conjugated EpCAM antibody.

Storage

Store the EpCAM antibody at 2-8oC, protected from light.

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