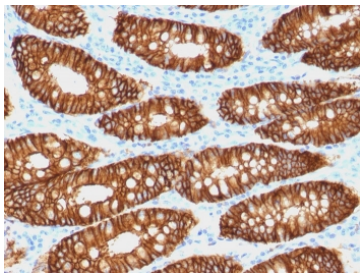
EpCAM Antibody Biotin Conjugate [clone VU-1D9] (V2184BTN)

Catalog No.	Formulation	Size
V2184BTN	0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	500 ul

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Biotin 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, cytoplasmic
Applications	Flow cytometry: 5ul per test per one million cells or 5ul per 100ul of whole blood Immunofluorescence: 2-4ug/ml Immunohistochemistry (FFPE): 2-4ug/ml at RT
Limitations	This EpCAM Antibody Biotin Conjugate is available for research use only.



EpCAM Antibody Biotin Conjugate IHC. Immunohistochemistry staining of FFPE human colon carcinoma with biotinylated EpCAM antibody (clone VU-1D9). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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 Biotin Conjugate should be determined by the researcher.

Immunogen

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

Storage

Store the EpCAM antibody at 2-8oC (up to one month) or aliquot and store at -20oC (longer term).

Copyright © NSJ Bioreagents. All rights reserved.