

## EpCAM Antibody [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 <sup>6</sup> cells in 0.1ml or 5ul per 100ul of whole blood<br>Immunofluorescence : 1:50-1:100 |
| Limitations        | This EpCAM antibody 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.

## **Application Notes**

Optimal dilution of the EpCAM antibody 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.