

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-2716: Anti-Ep-CAM / CD326 (Extracellular Domain) (Epithelial Marker) Monoclonal Antibody(Clone: VU-1D9)-PE

Clone Name: VU-1D9
Application: FACS,IF
Reactivity: Human
Conjugate: PE

 Gene :
 TACSTD1

 Gene ID :
 4072

 Uniprot ID :
 P16422

Adenocarcinoma-associated Antigen; Cell Surface Glycoprotein Trop-1; EGP2; EGP314; EGP40;

Epithelial Cell Adhesion Molecule; Epithelial Glycoprotein 314; ESA; KSA; TACD1; TROP1;

Alternative Name: Tumor-associated Calcium Signal Transducer 1 (TACSTD1); ECS-1; Epidermal Surface Antigen

1; ESA1; FLOT2; Flotillin-2; Membrane Component, Chromosome 17, Surface Marker-1

(M17S1); REG-1; Reggie-1; Reggie-2

Isotype: Mouse IgG1, kappa

Immunogen Information: Small cell lung carcinoma cells

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.

Product Info

Amount: 100 Tests

Antibody Purified from Bioreactor Concentrate by Protein A/G and conjugated to various

Content: reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you

require this Ab in a different format.

Storage condition : Antibody with azide - store at 4 to 8°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry: 5ul per test per one million cells (or 5ul per 100ul of whole blood); Immunofluorescence (1:50-1:100)

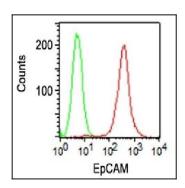


Fig. 1: Flow Cytometric analysis of human Ep-CAM on HT29 cells. Black: cells alone; Green: Isotype Control; Red: PE-labeled Ep-CAM Monoclonal Antibody (VU-1D9).