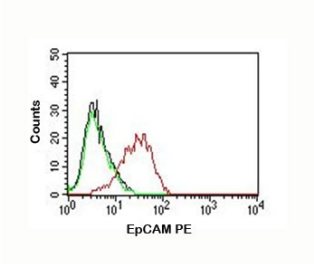
EpCAM Antibody PE Conjugate [clone EGP40/837] (V2366PE)

Catalog No.	Formulation	Size
V2366PE-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Citations (9) **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	PE Conjugate
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	EGP40/837
Purity	Protein G affinity chromatography
Gene ID	4072
Localization	Cell surface
Applications	Flow Cytometry : 5ul/test/10e6 cells in 100ul
Limitations	This **EpCAM antibody** is available for research use only.



FACS testing of MCF-7 cells: Black=cells alone; Green=isotype control; Red=EpCAM antibody

Description

Epithelial cellular adhesion molecule (EpCAM), is also identified as epithelial specific antigen (ESA) and the 40kDa transmembrane epithelial glycoprotein EGP40. EpCAM is expressed on the 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. EpCAM antibody is also useful in distinguishing serous carcinomas of the ovary from mesothelioma.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titered up or down for optimal performance.

Immunogen

Full length recombinant EpCAM used as the immunogen for this antibody.

Storage

Store the EpCAM antibody at 2-8Â°C. Conjugate is light sensitive, store in the dark.

Alternate Names

Adenocarcinoma-associated Antigen; Cell Surface Glycoprotein Trop-1; EGP2; EGP314; EGP40; Epithelial Cell Adhesion Molecule; Epithelial Glycoprotein 314; ESA; KSA; TACD1; TACSTD1; TROP1; Tumor-associated Calcium Signal Transducer 1, ECS-1, Epidermal Surface Antigen 1, ESA1, FLOT2, Flotillin-2, M17S1 (Membrane Component, Chromosome 17, Surface Marker-1), REG-1, Reggie-1, Reggie-2, EpCAM antibody

References (2)