

For Research Use Only



FcZero-rAb® PE Anti-Human EPCAM/CD326 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98303-5

Basic Information

Catalog Number: PE-FcA98303-5	GenBank Accession Number: NM_002354.3	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 4072	CloneNo.: 250626C6
Source: Rabbit	Full Name: epithelial cell adhesion molecule	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Calculated MW: 35 kDa	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG1370		

Applications

Tested Applications: FC	Positive Controls: FC : HT-29 cells,
Species Specificity: human	

Background Information

Epithelial cell adhesion molecule (EpCAM, CD326) is a type I transmembrane glycoprotein that functions as a homophilic, epithelial-specific intercellular cell-adhesion molecule. In addition to cell adhesion, EpCAM is also involved in cellular signaling, cell migration, proliferation, and differentiation. EpCAM is highly expressed on most carcinomas and therefore of potential use as a diagnostic and prognostic marker for a variety of carcinomas, and has become a therapeutic target. EpCAM may occur in distinct forms due to glycosylation. (PMID: 20837599; 19249674; 21576002; 22647938; 12691820)

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

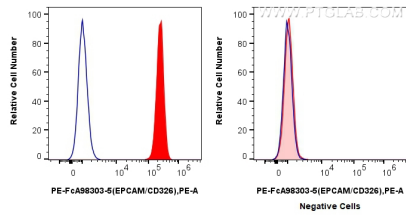
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ HT-29 cells (left) or HeLa cells (right) were surface stained with 5 μ l PE Anti-Human EPCAM/CD326 Rabbit RecAb (PE-FcA98303-5, Clone: 250626C6) (red) or FcZero-rAb@ PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.