

For Research Use Only

Anti-Human EPCAM/CD326 Rabbit scFv Antibody

Catalog Number: SF98303-5-RR



Basic Information

Catalog Number:

SF98303-5-RR

GenBank Accession Number:

NM_002354.3

Purification Method:

Affinity purification

Size:

100ug, Concentration: 1000 ug/ml by 4072

GeneID (NCBI):

4072

CloneNo.:

250626C6

Nanodrop;

Full Name:

epithelial cell adhesion molecule

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Source:

Rabbit

Calculated MW:

35 kDa

Type:

scFv

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. Stable for one year after shipment.

Storage Buffer:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin 300, pH7.3

*** 20ul sizes contain 0.1% BSA

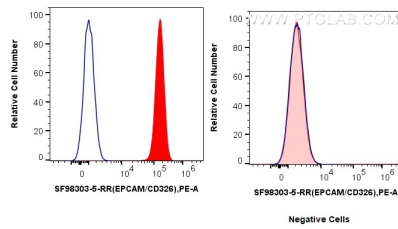
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Selected Validation Data



1x10⁶ HT-29 cells (left) or HeLa cells (right) were surface stained with 0.25 ug EPCAM/CD326 Recombinant Antibody (SF98303-5-RR, Clone: 250626C6) (red) or 0.25 ug Rabbit scFv Isotype Control (SF98136-1-RR, Clone: 240953C9) (blue), and PE Anti-6^{His}, His-Tag Rabbit RecAb (PE-FcA98450, Clone: 251107A1). Cells were not fixed.