For Research Use Only

Anti-Human EPCAM/CD326 Rabbit scFv Antibody, PBS Only

Catalog Number:SF98303-5-PBS

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Basic Information

Catalog Number:
SF98303-5-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Type:
scFv

Immunogen Catalog Number:
EG1370

GenBank Accession Number:
NM_002354.3

GeneID (NCBI):
4072

Full Name:
epithelial cell adhesion molecule

Calculated MW:
35 kDa

Purification Method:
Affinity purification

CloneNo.:
250626C6

Applications

Tested Applications:
FC, Indirect ELISA

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 -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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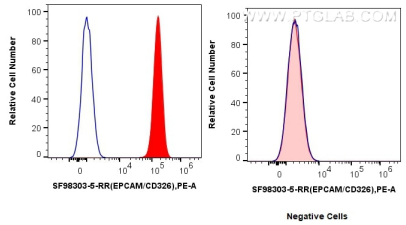
Selected Validation Data



1x10^6 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. This data was developed using the same antibody clone with SF98303-5-PBS in a different storage buffer formulation.