

For Research Use Only

CoraLite® Plus 488 Anti-Human EPCAM/CD326 Rabbit scFv Antibody

Catalog Number: CL488-SF98303-5



Basic Information

Catalog Number: CL488-SF98303-5	GenBank Accession Number: NM_002354.3	Purification Method: Affinity purification
Size: 100ug , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 4072	CloneNo.: 250626C6
Source: Rabbit	Full Name: epithelial cell adhesion molecule	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Type: scFv	Calculated MW: 35 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 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

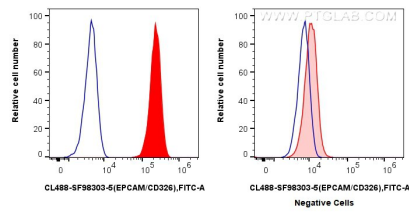
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin 300, pH7.3

*** 20ul sizes contain 0.1% BSA

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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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 0.25 ug Coralite® Plus 488 CoraLite® Plus 488 Anti-Human EPCAM/CD326 Rabbit scFv Antibody (CL488-SF98303-5, Clone: 250626C6) (red) or 0.25 ug CoraLite® Plus 488 Rabbit scFv Isotype Control (CL488-SF98136, Clone: 240953C9) (blue). Cells were not fixed.