

For Research Use Only

CoraLite® Plus 647 Anti-Human EPCAM/CD326 Rabbit scFv Antibody

Catalog Number: CL647-SF98303-5



Basic Information

Catalog Number:

CL647-SF98303-5

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

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : HT-29 cells,

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

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

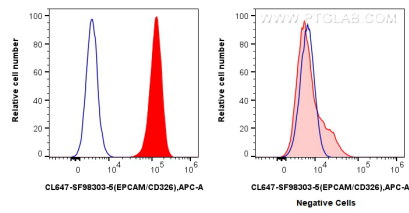
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ HT-29 cells (left) or HeLa cells (right) were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Human EPCAM/CD326 Rabbit scFv Antibody (CL647-SF98303-5, Clone: 250626C6) (red) or 0.25 ug CoraLite® Plus 647 Rabbit scFv Isotype Control (CL647-SF98136, Clone: 240953C9) (blue). Cells were not fixed.