

For Research Use Only

Anti-Human EPCAM/CD326 Rabbit Recombinant Antibody

Catalog Number: 98303-5-RR



Basic Information

Catalog Number: 98303-5-RR	GenBank Accession Number: NM_002354.3	Purification Method: Protein A purification
Concentration: 100ug, 1000 µg/ml	GeneID (NCBI): 4072	CloneNo.: 250626C6
Source: Rabbit	UNIPROT ID: P16422	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: epithelial cell adhesion molecule	
Immunogen Catalog Number: EG1370	Calculated MW: 35 kDa	

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:
PBS with 0.09% sodium azide, pH7.3

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

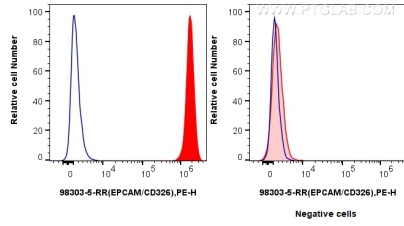
T: 4006900926

E: Proteintech-CN@ptglab.com

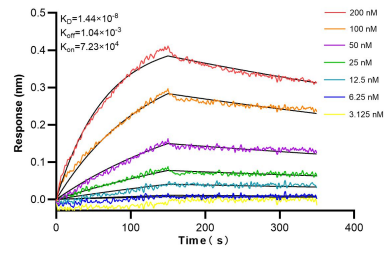
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Selected Validation Data



1x10⁶ HT-29 (left) or HeLa (right) cells were surface stained with 0.25 ug Anti-Human EPCAM/CD326 Rabbit RecAb (98303-5-RR, Clone: 250626C6) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98303-5-RR against Human EPCAM/CD326 were performed. The affinity constant is 14.4 nM.