

For Research Use Only

# Anti-Human EPCAM/CD326 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98303-5-PBS



## Basic Information

|                                     |                                                 |                                                |
|-------------------------------------|-------------------------------------------------|------------------------------------------------|
| Catalog Number:<br>98303-5-PBS      | GenBank Accession Number:<br>NM_002354.3        | Purification Method:<br>Protein A purification |
| Concentration:<br>1mg, 3000 µg/ml   | GeneID (NCBI):<br>4072                          | CloneNo.:<br>250626C6                          |
| Source:<br>Rabbit                   | UNIPROT ID:<br>P16422                           |                                                |
| Isotype:<br>IgG                     | Full Name:<br>epithelial cell adhesion molecule |                                                |
| Immunogen Catalog Number:<br>EG1370 | Calculated MW:<br>35 kDa                        |                                                |

## Applications

Tested Applications:  
FC

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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only, pH7.3

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

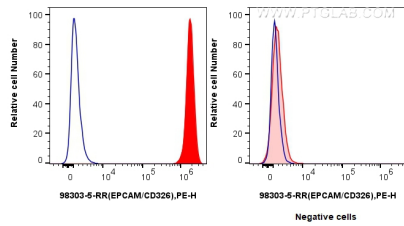
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

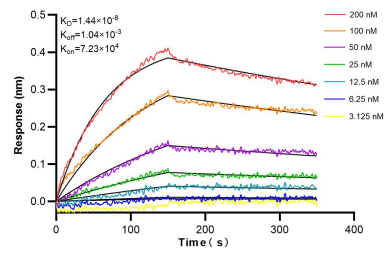
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> 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. This data was developed using the same antibody clone with 98303-5-PBS in a different storage buffer formulation.



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