

For Research Use Only

# Anti-Human CEACAM5/8 (CD66b/e) Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98012-1-PBS



## Basic Information

Catalog Number:

98012-1-PBS

Size:

1mg, 2mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC026263

GeneID (NCBI):

1088

UNIPROT ID:

P31997

Full Name:

carcinoembryonic antigen-related  
cell adhesion molecule 8

Calculated MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

230353B7

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) belong to the immunoglobulin superfamily of cell adhesion molecules. CEACAMs play major roles in cell-cell and cell-ECM adhesion and have been implicated in controlling cell proliferation, angiogenesis, and tissue remodeling (PMID: 23021083). Carcinoembryonic antigen (CEA), also known as CEACAM5 or CD66e mainly serves as a cell adhesion molecule mediating intercellular contact by both homophilic and heterophilic binding (PMID: 21731662). CEACAM8, also known as CD66b, CGM6 or NCA-95, is a glycosylphosphatidylinositol (GPI)-linked glycoprotein expressed on granulocytes and is involved in regulating adhesion and activation of eosinophils (PMID: 8104998; 18056392; 18056392). This antibody is raised against 35-319 aa of human CEACAM8/CD66b and can cross-react with CEACAM5/CD66e.

## Storage

Storage:

Store at -80°C. Stable for one year after shipment.

Storage Buffer:

PBS only

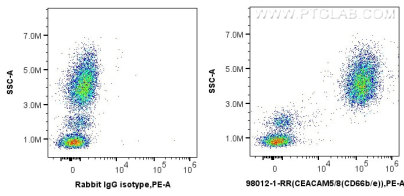
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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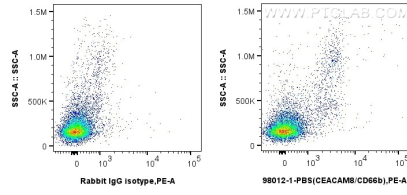
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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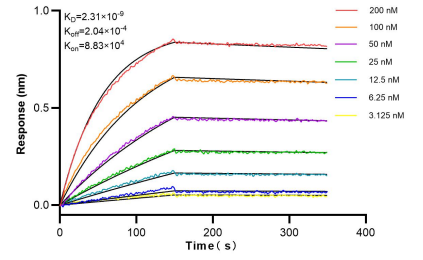
## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CEACAM5/8 (CD66b/e) Rabbit Recombinant Antibody (98012-1-RR, Clone:230353B7) or 0.25 ug Isotype Control, and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98012-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CEACAM8/CD66b (98012-1-PBS, Clone:230353B7) or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.



Bi-layer interferometry (BLI) kinetic assays of 98012-1-RR against Human CEACAM5/8 (CD66b/e) were performed. The affinity constant is 2.31 nM.