

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	GenBank Accession Number: BC026263	Purification Method: Protein A purification
Size: 1mg, 2mg/ml	GeneID (NCBI): 1088	CloneNo.: 230353B7
Source: Rabbit	UNIPROT ID: P31997	
Isotype: IgG	Full Name: carcinoembryonic antigen-related cell adhesion molecule 8	
	Calculated MW: 38 kDa	

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

Storage Buffer:
PBS only

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

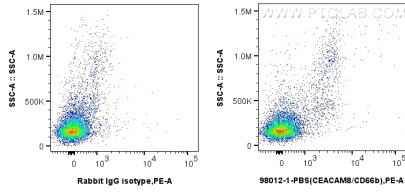
T: 4006900926

E: Proteintech-CN@ptglab.com

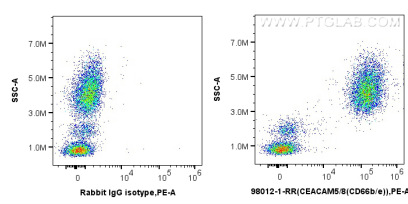
W: ptgcn.com

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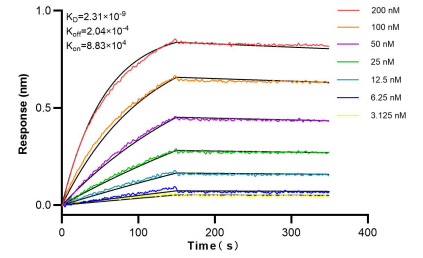
Selected Validation Data



1×10^6 human PBMCs were surface stained with 0.25 μ g Anti-Human CEACAM8/CD66b (98012-1-PBS, Clone:230353B7) or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed.



1×10^6 human peripheral blood leukocytes were surface stained with 0.25 μ g Anti-Human CEACAM5/8 (CD66b/e) Rabbit Recombinant Antibody (98012-1-RR, Clone:230353B7) or 0.25 μ g 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.



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