

For Research Use Only

# CoraLite® Plus 750 Anti-Human CEACAM5/8 (CD66b/e) Rabbit Recombinant Antibody

Catalog Number: CL750-98012



## Basic Information

<b>Catalog Number:</b> CL750-98012	<b>GenBank Accession Number:</b> BC026263	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100tests , 5 ul/test	<b>GeneID (NCBI):</b> 1088	<b>CloneNo.:</b> 230353B7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31997	<b>Excitation/Emission maxima wavelengths:</b> 755 nm / 780 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> carcinoembryonic antigen-related cell adhesion molecule 8	
	<b>Calculated MW:</b> 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

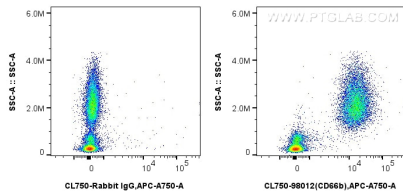
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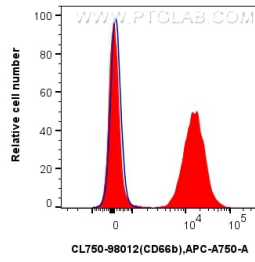
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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 750 Anti-Human CEACAM5/8 (CD66b/e) Rabbit Recombinant Antibody (CL750-98012, Clone: 230353B7), or Isotype Control. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



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