

For Research Use Only

# CEACAM8 Recombinant antibody

Catalog Number: 83105-6-RR



## Basic Information

Catalog Number:

83105-6-RR

Size:

100ul, Concentration: 1000 µg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG32133

GenBank Accession Number:

BC026263

GeneID (NCBI):

1088

UNIPROT ID:

P31997

Full Name:

carcinoembryonic antigen-related  
cell adhesion molecule 8

Calculated MW:

38 kDa

Observed MW:

95-100kDa

Purification Method:

Protein A purification

CloneNo.:

242954B2

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human saliva, human peripheral blood leukocyte

## Background Information

Carcinoembryonic antigen-related cell adhesion molecule 8 (CEACAM8), also known as CD66b, CGM6 or NCA-95, is a member of the carcinoembryonic antigen (CEA) family which belongs to the immunoglobulin superfamily of cell adhesion molecules (PMID: 16919437). CEACAM8 is a glycosylphosphatidylinositol (GPI)-linked glycoprotein expressed on granulocytes (PMID: 8104998; 18056392). It is involved in regulating adhesion and activation of eosinophils (PMID: 18056392).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

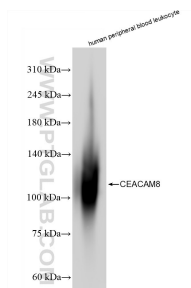
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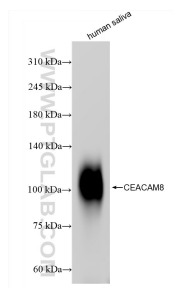
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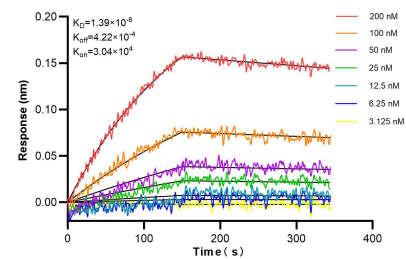
## Selected Validation Data



human peripheral blood leukocyte were subjected to SDS PAGE followed by western blot with 83105-6-RR (CEACAM8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



human saliva were subjected to SDS PAGE followed by western blot with 83105-6-RR (CEACAM8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83105-6-RR against Human CEACAM8 were performed. The affinity constant is 13.9 nM.