

CD66b/CEACAM8 Rabbit mAb

Catalog No.: A29450 **Recombinant**

Basic Information

Observed MW

80-100 kDa(glycosylated), 40 kDa(non-glycosylated)

Calculated MW

38 kDa

Category

Primary antibody

Applications

WB,IF-P,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC82084

Background

Enables protein heterodimerization activity. Involved in heterophilic cell-cell adhesion. Located in cell surface and obsolete extracellular space. Biomarker of severe acute respiratory syndrome.

Recommended Dilutions

WB 1:2000 - 1:5000

IF-P 1:200 - 1:800

IHC-P 1:2000 - 1:10000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

1088

Swiss Prot

P31997

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD67; CGM6; CD66b; NCA-95

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Contact

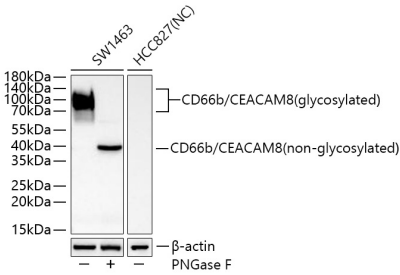
☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

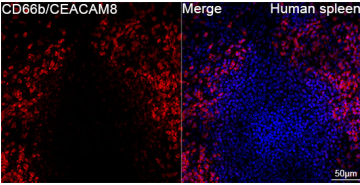


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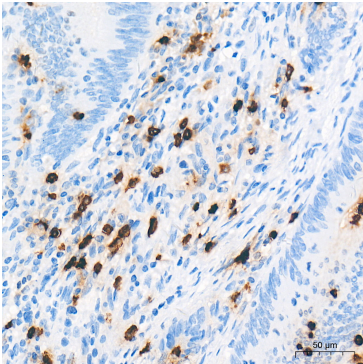
Validation Data



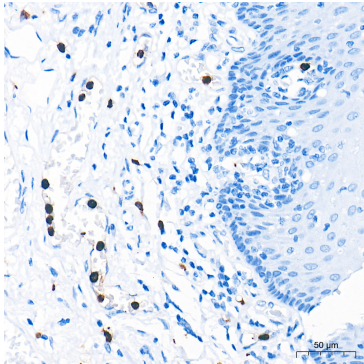
Western blot analysis of lysates from SW1463 cells using CD66b/CEACAM8 Rabbit mAb (A29450) at 1:5000 dilution incubated overnight at 4°C. SW1463 cells were treated with PNGase F (2 U/μL) at 37°C for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): HCC827.
Exposure time: 90 s.



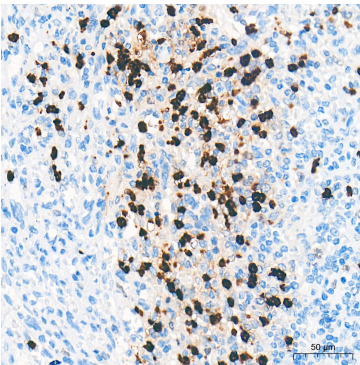
Confocal imaging of paraffin-embedded Human spleen tissue using CD66b/CEACAM8 Rabbit mAb (A29450, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using CD66b/CEACAM8 Rabbit mAb (A29450) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using CD66b/CEACAM8 Rabbit mAb (A29450) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using CD66b/CEACAM8 Rabbit mAb (A29450) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.