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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

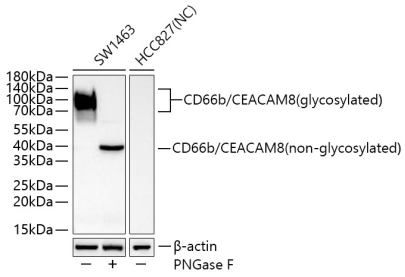
Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact

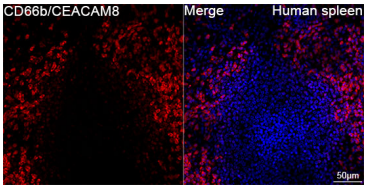
400-999-6126

cn.market@abclonal.com.cn

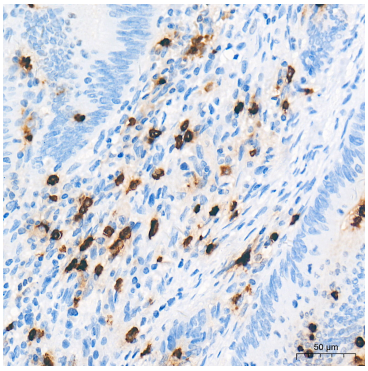
Validation Data



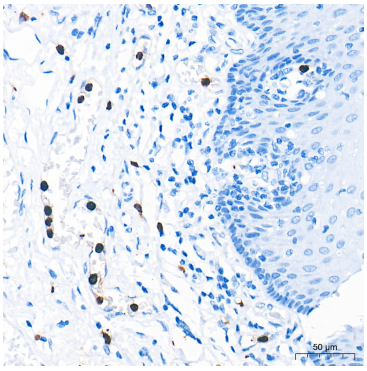
Western blot analysis of lysates from SW1463 cells using CD66b/CEACAM8 Rabbit mAb (A29450) at 1:5000 dilution incubated overnight at 4℃. SW1463 cells were treated with PNGase F (2 U/μL) at 37℃ for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 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.



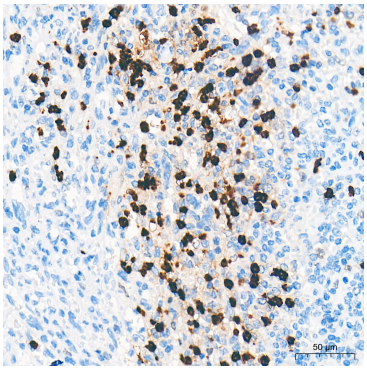
Confocal imaging of paraffin-embedded Human spleen tissue using CD66b/CEACAM8 Rabbit mAb (A29450, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed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