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CEACAM8 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16488a

Product Information

Application	WB, E
Primary Accession	P31997
Other Accession	NP_001807.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35743
Calculated MW	38154
Antigen Region	53-81

Additional Information

Gene ID	1088
Other Names	Carcinoembryonic antigen-related cell adhesion molecule 8, CD67 antigen, Carcinoembryonic antigen CGM6, Non-specific cross-reacting antigen NCA-95, CD66b, CEACAM8, CGM6
Target/Specificity	This CEACAM8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the N-terminal region of human CEACAM8.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CEACAM8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CEACAM8 (HGNC:1820)
Function	Cell surface glycoprotein that plays a role in cell adhesion in a calcium-independent manner (PubMed:11590190, PubMed:2022629,

PubMed:8776764). Mediates heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:11590190, PubMed:2022629, PubMed:8776764). Heterophilic interaction with CEACAM8 occurs in activated neutrophils (PubMed:8776764).

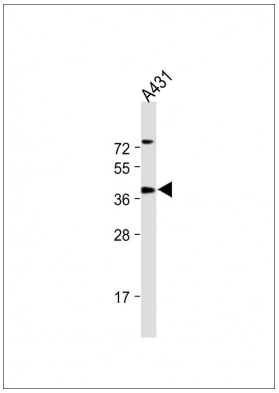
Cellular Location Cell membrane; Lipid-anchor, GPI-anchor. Cell surface

Tissue Location Expressed in leukocytes of chronic myeloid Leukemia patients and bone marrow

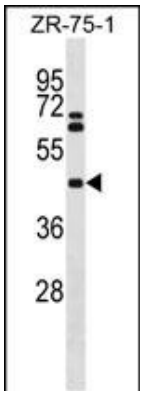
References

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Skubitz, K.M., et al. J Transl Med 6, 78 (2008) :
Yoon, J., et al. J. Immunol. 179(12):8454-8462(2007)
Ordonez, C., et al. J. Cell. Physiol. 210(3):757-765(2007)
Ramachandran, P., et al. J. Proteome Res. 5(6):1493-1503(2006)

Images



All lanes : Anti-CEACAM8 Antibody (N-term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG/A/M(H/L), Peroxidase conjugated at 1/2000 dilution. Observed band size : 40kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CEACAM8 Antibody (N-term) (Cat. #AP16488a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the CEACAM8 antibody detected the CEACAM8 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.