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SIGLEC15 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11503b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q6ZMC9
Other Accession	NP_998767.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29353
Calculated MW	35653
Antigen Region	274-302

Additional Information

Gene ID	284266
Other Names	Sialic acid-binding Ig-like lectin 15, Siglec-15, CD33 antigen-like 3, SIGLEC15, CD33L3
Target/Specificity	This SIGLEC15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-302 amino acids from the C-terminal region of human SIGLEC15.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	SIGLEC15 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SIGLEC15
Synonyms	CD33L3
Function	Binds sialylated glycoproteins.

Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed in macrophage and/or dendritic cells of spleen and lymph nodes

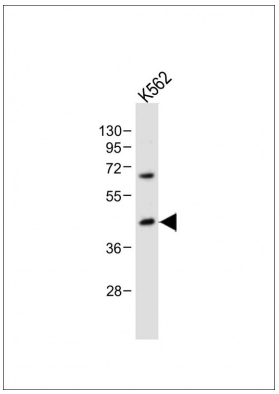
Background

Binds sialylated glycoproteins.

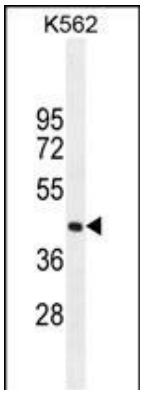
References

Angata, T., et al. Glycobiology 17(8):838-846(2007)

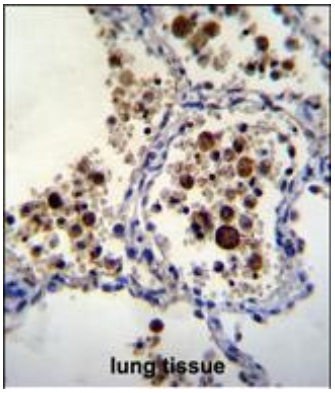
Images



Anti-SIGLEC15 Antibody (C-term) at 1:500 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



SIGLEC15 Antibody (C-term) (Cat. #AP11503b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SIGLEC15 antibody detected the SIGLEC15 protein (arrow).



SIGLEC15 Antibody (C-term) (Cat. #AP11503b)immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SIGLEC15 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Siglec-15-induced autophagy promotes invasion and metastasis of human osteosarcoma cells by activating the

epithelial-mesenchymal transition and Beclin-1/ATG14 pathway

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