

Anti-Siglec 15 Antibody

Catalog # AP96051

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	Q6ZMC9
Reactivity	Human, Mk
Host	Mouse
Clonality	Monoclonal
Calculated MW	35653

Additional Information

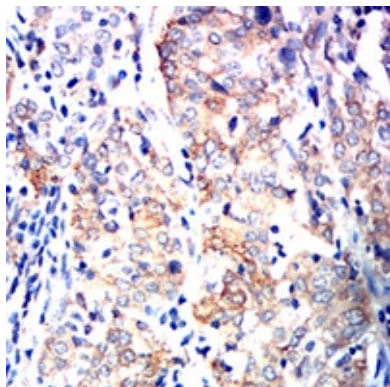
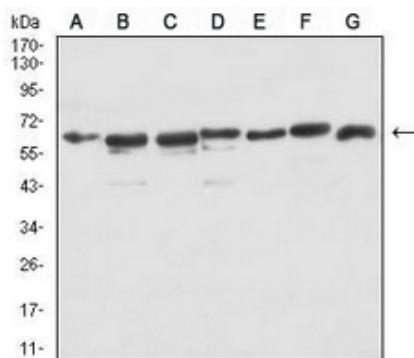
Gene ID	284266
Other Names	CD33L3; SialIC, acid-binding Ig-like lectin 15; Siglec-15; CD33 antigen-like 3
Target/Specificity	Recombinant fusion protein of human Siglec 15 expressed in HEK293
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

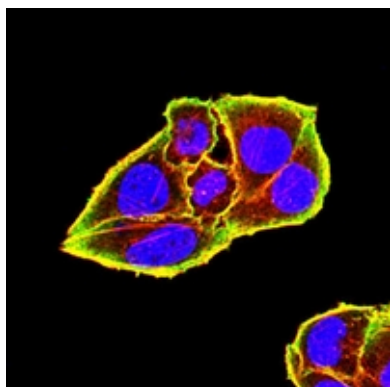
Name	SIGLEC15
Synonyms	CD33L3
Function	Binds sialylated glycoproteins.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed in macrophage and/or dendritic cells of spleen and lymph nodes

Images

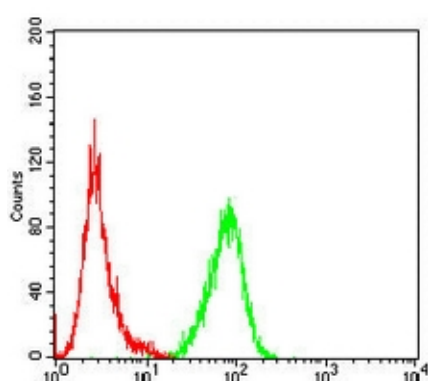
Western blot analysis of Siglec 15 expression in PC2 (A), LNCap (B), HEK293 (C), PC3 (D), DU145 (E), COS7 (F), HEK293-6e (G) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 60 kD)



Immunohistochemical analysis of Siglec 15 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Siglec 15 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of Jurkat cells using Anti-Siglec 15 Antibody (green) and negative control (red).

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