

ABflo® 700 Rabbit anti-Human CD33 mAb

Catalog NO.: A28256

Basic Information

Observed MW

Calculated MW

40kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 700. Ex:690nm. Em:713nm.

Clone number

ARC57861

Background

CD33, a type I transmembrane protein, is a sialic acid-binding Ig-like lectin (Siglec-3) of the Ig superfamily, and human CD33 binds preferentially to alpha-2, 6-linked sialic acid. Upon binding to its ligands CD33 transduces an inhibitory signaling through the immunoreceptor tyrosine-based inhibitory motif (ITIM) in its intracellular domain, inhibiting cellular function such as phagocytosis. In addition, CD33 is also involved in other processes, such as adhesion. Due to its exclusive expression on hematopoietic cells, particularly the myeloid lineage and their progenitors, CD33 has been actively pursued as a therapeutic target against acute myeloid leukemia (AML) . CD33 may also be involved in Alzheimer’ s Disease .

Recommended Dilutions

FC 5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID

945

Swiss Prot

P20138

Immunogen

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

Synonyms

p67; SIGLEC3; SIGLEC-3

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

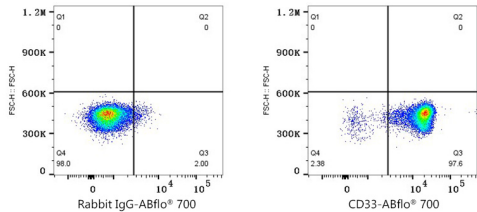
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X106 Human PBMC were surface-stained with ABflo® 700 Rabbit IgG isotype control (A25976,5 µl/Test,left) or ABflo® 700 Rabbit anti-Human CD33 mAb (A28256,5 µl/Test,right). Cells in the monocyte gate were used for analysis.

