

A22630

Leader in Biomolecular Solutions for Life Science



ABflo® 488 Rabbit anti-Human CD162/PSGL-1 mAb

Catalog No.: A22630

Basic Information

Observed MW

Calculated MW

43kDa/44kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC55292-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes a glycoprotein that functions as a high affinity counter-receptor for the cell adhesion molecules P-, E- and L- selectin expressed on myeloid cells and stimulated T lymphocytes. As such, this protein plays a critical role in leukocyte trafficking during inflammation by tethering of leukocytes to activated platelets or endothelia expressing selectins. This protein requires two post-translational modifications, tyrosine sulfation and the addition of the sialyl Lewis x tetrasaccharide (sLex) to its O-linked glycans, for its high-affinity binding activity. Aberrant expression of this gene and polymorphisms in this gene are associated with defects in the innate and adaptive immune response. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

6404

Swiss Prot

Q14242

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 42-295 of human CD162/PSGL-1 (NP_002997.2).

Synonyms

CLA; CD162; PSGL1; PSGL-1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

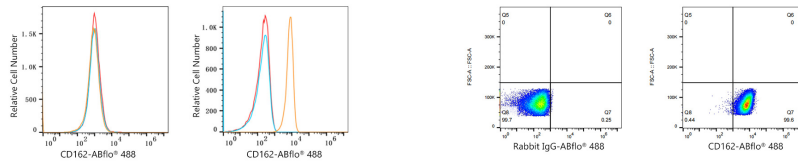
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 MCF7 cells (negative control, Left) and Jurkat cells (Right) were surface-stained with ABflo® 488 Rabbit anti-Human CD162/PSGL-1 mAb (A22630, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Jurkat cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD162/PSGL-1 mAb (A22630, 5 μ l/Test, right).