

A24401

Leader in Biomolecular Solutions for Life Science



## ABflo® 488 Rabbit anti-Human CD177 mAb

Catalog No.: A24401

### Basic Information

#### Observed MW

#### Calculated MW

15kDa/27kDa/46kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

FC

#### Cross-Reactivity

Human

#### CloneNo number

ARC62693-ABflo488

#### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

### Background

This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified.

### Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

### Immunogen Information

#### Gene ID

57126

#### Swiss Prot

Q8N6Q3

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-407 of human CD177(NP\_065139.2).

#### Synonyms

CD177; HNA-2a; HNA2A; NB1; NB1 GP; PRV-1; PRV1; NB1GP; CD177 antigen

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

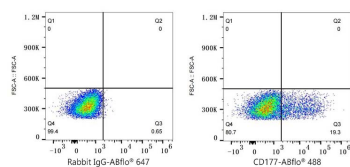
#### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry:  $1 \times 10^6$  RPMI-8226 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Human CD177 mAb (A24401, 5  $\mu$ l/Test, right).