

For Research Use Only

# Anti-Human CD177 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98086-1-PBS



## Basic Information

Catalog Number:

98086-1-PBS

Size:

1mg, 2mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC029167

GeneID (NCBI):

57126

UNIPROT ID:

Q8N6Q3

Full Name:

CD177 molecule

Calculated MW:

437 aa, 46 kDa

Purification Method:

Protein A purification

CloneNo.:

241339F4

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

CD177, also known as NB1, HNA-2a or PRV-1, is a glycosylphosphatidylinositol (GPI)-anchored glycoprotein that belongs to the uPAR/CD59/Ly6 snake toxin superfamily (PMID: 17898576). It is expressed exclusively by neutrophils, neutrophilic metamyelocytes, and myelocytes (PMID: 17580308). CD177 interacts with  $\beta 2$  integrin CD11b/CD18 and CD11a/CD18, PECAM-1, and participates in neutrophil activation and transmigration (PMID: 17580308; 21193407). CD177 has been identified as a useful biomarker for myeloproliferative diseases (PMID: 17898576).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

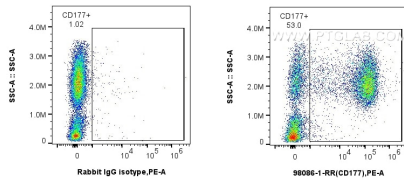
For technical support and original validation data for this product please contact:

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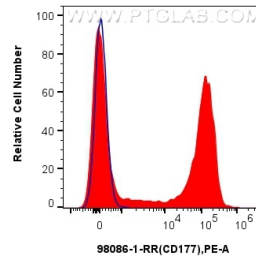
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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD177 Rabbit Recombinant Antibody (98086-1-RR, Clone:241339F4) or Isotype Control and PE-conjugated Goat Anti-Rabbit IgG. Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed. This data was developed using the same antibody clone with 98086-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD177 Rabbit Recombinant Antibody (98086-1-RR, Clone:241339F4) (red) or Isotype Control (blue) and PE-conjugated Goat Anti-Rabbit IgG. Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed. This data was developed using the same antibody clone with 98086-1-PBS in a different storage buffer formulation.