

For Research Use Only

# Anti-Human CD177 Rabbit Recombinant Antibody

Catalog Number: 98086-1-RR



## Basic Information

Catalog Number:

98086-1-RR

Size:

100ug , 1000 µg/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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

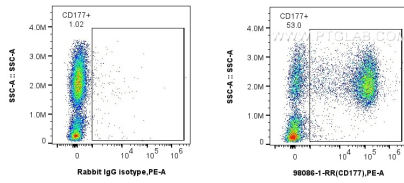
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

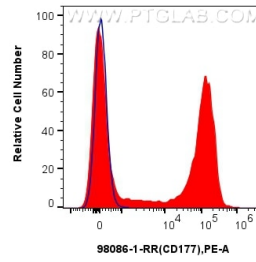
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.



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.