

For Research Use Only

FcZero-rAb™ APC Anti-Human CD177 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98086



Basic Information

Catalog Number:

APC-FcA98086

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC029167

GeneID (NCBI):

57126

Full Name:

CD177 molecule

Calculated MW:

437 aa, 46 kDa

Purification Method:

Protein A purification

CloneNo.:

241339F4

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

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 β 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA

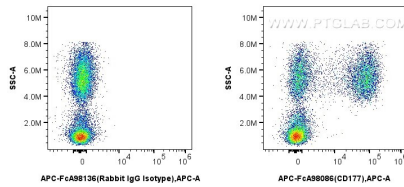
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul APC Anti-Human CD177 Rabbit RecAb (APC-FcA98086, Clone: 241339F4), or APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.