

For Research Use Only

APC Anti-human CD13 (WM15)

Catalog Number: APC-65186



Basic Information

Catalog Number:

APC-65186

Size:

100tests, Concentration: 10 µl/test by 290 Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

Mouse IgG1

GenBank Accession Number:

BC058928

GeneID (NCBI):

Full Name:

alanyl (membrane) aminopeptidase

Calculated MW:

110 kDa

Purification Method:

The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

WM15

Applications

Tested Applications:

FC

Species Specificity:

Human, Non-human primates

Background Information

CD13, also named as APN, ANPEP (aminopeptidase N) or PEPN, is a heavily glycosylated, ~150-240 kDa, type-II membrane, expressed by most cells of myeloid origin including monocytes, macrophages, granulocytes, and their hematopoietic precursors. It is also abundantly expressed in the brush border of epithelial cells from renal proximal tubules and small intestine, in prostatic epithelial cells, in bile duct canaliculi, in mast cells, and, in some cases, in fibroblasts and smooth muscle cells. CD13 is a multifunctional protein and plays varying roles in cell migration, cell proliferation, cell differentiation and so on. CD13 participates in angiogenesis generating and modulating angiogenic signals, and can be a marker of angiogenic vessels. CD13 is also a pan-myeloid marker, present on mature granulocytes and monocytes. (PMID: 8805662, 10098327, 18603472, 18097955, 17897790, 17888402, 21339174)

Storage

Storage:

Store at 2-8°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.1% sodium azide.

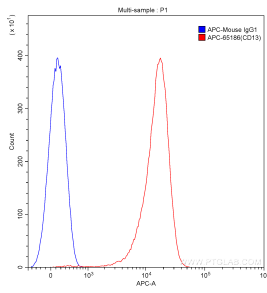
For technical support and original validation data for this product please contact:

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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 granulocytes were surface stained with 10.00 ul/test APC Anti-Human CD13 (APC-65186, Clone:WM15) (red) or isotype control antibody (blue). Samples were not fixed.