

Manufacturer/Supplier:

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Product name: Anti-Human CD13 Monoclonal Antibody(Biotin
Conjugated)

Catalog: DL20883F

Synonyms: Aminopeptidase N, ANPEP, AP-N, hAPN, Alanyl
aminopeptidase, Aminopeptidase M,
AP-M, Microsomal aminopeptidase, gp150, CD13

Background: CD13 is a 150-170 kD type II transmembrane glycoprotein also known as aminopeptidase N, APN, and gp150. This zinc metalloproteinase is expressed as a homodimer on granulocytes, myeloid progenitors, endothelial cells, epithelial cells and subset of granular lymphoid cells. It is not expressed on platelets or erythrocytes. CD13 is thought to be involved in the metabolism of many regulatory peptides and functions in antigen processing and the

cleavage of chemokines such as MIP-1. CD13 serves as the cellular receptor for Coronavirus.

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 25 μg /100 μg

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Biotin

SwissProt: P15144

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μl volume or 100 μl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.



Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.