

## Mouse anti-Human CD13 Monoclonal Antibody | anti-CD13 antibody

Monoclonal Antibody to hCD13 (Clone: BF10)

|                              |                      |                            |                                                         |
|------------------------------|----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA78270</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|------------------------------|----------------------|----------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

CD13; Monoclonal Antibody; Monoclonal Antibody to hCD13 (Clone: BF10); Aminopeptidase N; Alanyl aminopeptidase; Aminopeptidase M; Microsomal aminopeptidase; gp150; APN; PEPN; anti-CD13 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                             |
| Reactivity                                     | Human                                                                                                                                             |
| Clonality                                      | Monoclonal                                                                                                                                        |
| Isotype                                        | IgG1 Kappa                                                                                                                                        |
| Clone Number                                   | BF10                                                                                                                                              |
| Purity/Purification                            | Protein G Chromatography                                                                                                                          |
| Form/Format                                    | Purified                                                                                                                                          |
| Sequence Length                                | 967                                                                                                                                               |
| Applicable Applications for anti-CD13 antibody | FCM/FACS (Flow Cytometry)                                                                                                                         |
| Immunogen Information                          | KG-1a cell line were used as immunogen for this antibody.                                                                                         |
| Antigen                                        | CD13                                                                                                                                              |
| Supplied In                                    | 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.                                    |
| Preparation and Storage                        | Store the antibody at 4 degree C, stable for 6 months.<br>For long-term storage, store at -20 degree C.<br>Avoid repeated freeze and thaw cycles. |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Fig-1: Cell Surface flow analysis of CD13 in PBMC (Lymphocyte gated) using 1 ug/10<sup>6</sup> cells. Green represents isotype control ; red represents anti-CD13 antibody. Goat anti-mouse PE conjugated secondary antibody was used.

### ADDITIONAL INFORMATION

|                                                  |                                                         |
|--------------------------------------------------|---------------------------------------------------------|
| Product Categories/Family for anti-CD13 antibody | <a href="#">Antibodies</a> ; <a href="#">Immunology</a> |
|--------------------------------------------------|---------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 143811362                                       |
| NCBI GeneID                      | 290                                             |
| UniProt Accession #              | P15144; Q16728; Q6GT90; Q8IUUK3; Q8IVH3; Q9UCE0 |
| NCBI Official Full Name          | Aminopeptidase N                                |
| NCBI Official Synonym Full Names | alanyl aminopeptidase, membrane                 |
| NCBI Official Symbol             | ANPEP                                           |
| NCBI Official Synonym Symbols    | APN; CD13; LAP1; P150; PEPN; GP150              |
| NCBI Protein Information         | aminopeptidase N                                |
| UniProt Protein Name             | Aminopeptidase N                                |
| UniProt Gene Name                | <b>ANPEP</b>                                    |
| UniProt Synonym Gene Names       | APN; CD13; PEPN; AP-N; hAPN; AP-M               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd13-antibody-clone-bf10-flow-cytometry-elisa/78270>