



Mouse anti-Human CD13 mAb, Purified

Product Data Sheet

PRODUCT INFORMATION

Catalog#/Size : GMH013Z-025/25 ug
GMH013Z-100/100 ug

Clone: B-F10

Isotype: Mouse IgG1

Reactivity: Human

Formulation: Phosphate-buffered solution,
pH 7.4, containing 0.09%
sodium azide.

Storage: 4°C for short storage and -20°C
for long period.

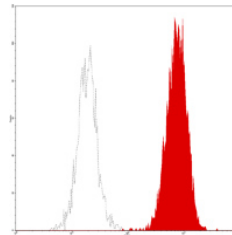
DESCRIPTION

B-F10 reacts with CD13, 150 kDa aminopeptidase N (APN). CD13 is expressed on the surface of early committed progenitors and mature granulocytes and monocytes (GM-CFU), but not on lymphocytes, platelets or erythrocytes. It is also expressed on endothelial cells, epithelial cells, bone marrow stroma cells, and osteoclasts, as well as a small proportion of LGL lymphocytes. CD13 acts as a receptor for specific strains of RNA viruses and plays an important function in the interaction between human cytomegalovirus (CMV) and its target cells.

APPLICATION AND USAGE

Applications: FC, IF, IHC

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. It is recommended that the antibody be titrated for optimal performance in the assay of interest.



Normal human peripheral blood granulocytes analyzed with PE CD13 (B-F10) mAb.

RELATED PRODUCTS

Catalog#	Product Name	Applications
GMH013F	Mouse anti-Human CD13, FITC	FC
GMH013P	Mouse anti-Human CD13, PE	FC
GMK901Z	Mouse IgG1 Isotype control, Purified	FC

REFERENCE

1. Look AT *et al.* (1989) *J. Clin. Invest.* **83**:1299-1307.
2. Favaloro, E *et al.* (1990) *Brit. J. Haematol.* **74**:385.
3. Barclay, N *et al.* (1993) *The leucocyte Antigen Factsbook, CD13 section*, Academic Press Inc. San Diego, CA.
4. Riemann D *et al.* (1997) *J. Immunol.* **158**:3425-32.