
CD13 Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250158

Unit: 0.1 mg

Description:

This antibody recognizes the CD13 antigen which is expressed on granulocytes, monocytes and their precursors. CD13 acts as a receptor for specific strains of RNA viruses (coronaviruses). CD13 is a marker for most AML (acute myeloid leukemia) and some ALL (acute lymphoid leukemia). The antibody can be used for detecting CD13 in flow cytometry and in immunohistocytology with frozen and paraffin-embedded tissue sections.

Isotype: mouse IgG2b

Applications: FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Aminopeptidase N; hAPN; Alanyl aminopeptidase; Microsomal aminopeptidase; Aminopeptidase M; gp150; Myeloid plasma membrane glycoprotein CD13; CD13 antigen; ANPEP; APN; CD13; PEPN

Accession No.: P15144

Antigen: ?

Application Notes: FC with whole blood: 100 ?l blood + 10 ?l antibody; FC with cells: 500,000 cells in 50 ?l + 10 ?l antibody. This antibody recognizes the CD13 antigen. In flow cytometry, the antibody stains more than 90% of human peripheral blood monocytes and granulocytes.

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Schlossmann, SF et al. (eds.), Leukocyte typing V., Oxford University Press, Oxford (1995)

For research use only, not for diagnostic or therapeutic procedures.