

1F-396-T025

Monoclonal Antibody to CD13 Fluorescein (FITC) conjugated (25 tests)

Clone: WM15

Isotype: Mouse IgG1

Specificity: The antibody WM15 recognises the human CD13 cell surface glycoprotein, a 150

kDa molecule expressed on granulocytes, endothelial cells, epithelial cells and

myeloid progenitors.

HLDA III; WS Code M 213 HLDA IV; WS Code M 44 HLDA IV; WS Code M 209 HLDA V; WS Code M MA191

Regulatory Status: RUO

Immunogen: Human AML cells

Species Reactivity: Human, Non-Human Primates

Preparation: The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under

optimum conditions. The reagent is free of unconjugated FITC and adjusted for

direct use. No reconstitution is necessary.

Storage Buffer: The reagent is provided in stabilizing phosphate buffered saline (PBS) solution

containing 15mM sodium azide.

Storage / Stability: Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not

use after expiration date stamped on vial label.

Usage: The reagent is designed for Flow Cytometry analysis of human blood cells using

20 μl reagent / 100 μl of whole blood or 10° cells in a suspension.

The content of a vial (0.5 ml) is sufficient for 25 tests.

Expiration: See vial label

Lot Number: See vial label

Background: CD13 (aminopeptidase N, APN) is a 150 kDa type II transmembrane zinc-binding

ectopeptidase expressed on various cell types. This metalloprotease preferentially catalyzes removal of neutral amino acids from small peptides, thus activating or inactivating bioactive peptides. CD13 has also role in extracellular matrix degradation, antigen processing and signal transduction, is important in inflammatory responses, regulates intercellular contact, cell motility and vascularization. CD13 is involved in protection of leukemic cells against apoptosis

and its expression associated with poor prognosis of carcinomas.



PRODUCT DATA SHEET

References:

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