

## CD13, FITC-conjugated, clone Tük 1 Monoclonal Antibody

**Catalog No.:** MON1185F

**Quantity:** 0.5 ml

### Specificity

CD13 is expressed on cells of the myelomonocyte lineage including myelomonocyte precursors, monocytes, basophils, eosinophils, neutrophils and myeloid leukaemias. The antigen is also present on small intestine and renal proximal tubule epithelial cells, synaptic membranes of the central nervous system, fibroblasts and osteoclasts. The main cellular activity of this antibody is monocytes and granulocytes. Other reactive cells in flow cytometry incl. myeloid leukaemias and myeloid cell lines. Other reactive cells in immunohistology incl. histiocytes, high endothelial venules and kidney tubules.

### Immunoglobulin type

Murine IgG<sub>1</sub>

### Use

The antibody can be used for flow cytometry. F/P Ratio: 3-5.

### Instructions for use

This antibody has been titred for application in flow cytometry. Approximately 5 µl is required per 10<sup>6</sup> cells.

### Presentation

100 µg / 0.5 ml antibody solution containing sodium azide. A highly purified grade of BSA has been added as a stabilizing protein to bring the final protein concentration to 4-5 mg/ml.

Minimum number of tests: 100.

### Literature

- Griffin, J.D., et al., 1981, J. clin. Invest. 68, 932.
- Look, A.T., et al., 1985, J. clin. Invest. 75, 569.
- Sakai, K., et al., 1987, Cancer Res. 47, 5572.
- Look, A.T., et al., 1989, J. clin. Invest. 83, 1299.

### Storage & Handling

Store at 2-8°C for short term to 3 months and at -10°C or colder for long term storage.

Aliquot and avoid repeated freezing and thawing. Fluorochrome conjugates should be stored in the dark and direct exposure to light should be avoided during handling and cell staining.

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



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