

Technical Data Sheet

Product

**Lineage Cocktail FITC**

Cat. Number/Size

**6K01-T050**

**50 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Format

FITC

Reactivity

Human

Application

FC (QC tested)

Description

The Lineage Cocktail FITC is designed to stain and gate-out human T lymphocytes (CD3<sup>+</sup>), B lymphocytes (CD19<sup>+</sup>CD20<sup>+</sup>), NK cells (CD16<sup>+</sup>CD56<sup>+</sup>), non-differentiated monocytes (CD14<sup>+</sup>), neutrophils (CD16<sup>+</sup>), and eosinophils (CD14<sup>dim</sup>). Peripheral blood dendritic cells and basophils are Lineage negative and do not stain using this reagent. Whenever applicable, the lineage negative cells can be simultaneously stained by other monoclonal antibodies conjugated to appropriate fluorochromes. For example, dendritic cells can be distinguished by positive staining with anti HLA-DR, and basophils by positive staining with anti CD203c.

Contents

Antibody cocktail (1 ml, 50 tests) components:  
Anti human CD3 (clone MEM-57, IgG2a) FITC  
Anti human CD14 (clone MEM-15, IgG1) FITC  
Anti human CD16 (clone LNK16, IgG1) FITC  
Anti human CD19 (clone LT19, IgG1) FITC  
Anti human CD20 (clone LT20, IgG2a) FITC  
Anti human CD56 (clone MEM-188, IgG2a) FITC  
Stabilizing buffer

Excitation laser

blue (488 nm)

Formulation

Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage and handling

Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References

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