



**CD3 FITC - CD4 PE. Mouse Bi-Test™ Reagents (FITC/RPE)**

**COMMENTS**

The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is present on 65-85% of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,000 M.W. surface antigen. Identification of CD4 human helper/inducer T cells expressing the 60,000 M.W. surface antigen (HLA class II reactive). CD4 is present in low density on monocytes.

**CONCENTRATION**

See vial for concentration

**SHIP CONDITIONS**

Room Temperature

**STORAGE CUSTOMER**

Product should be stored at 4-8°C. DO NOT FREEZE

**STABILITY**

Reagents are stable for the period shown on the vial label when stored properly

**USE**

**PBMC:** Add 10 µl of MAB/10<sup>6</sup> PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2° to 8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. **WHOLE BLOOD:** Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.

**ORDERING INFORMATION**

**CATALOG NUMBER**

B034

**SIZE**

100 Tests

**FORM**

Bi-Test (FITC/RPE) Reagent

**HOST/CLONE**

Mouse

**FORMULATION**

Provided as sterile filtered solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein

**ISOTYPE**

**APPLICATIONS**

Flow Cytometry