

CD4, R-PE conjugated
Clone MEM-241
Cat. no. MNS-MON 2048R

Specificity

The antibody reacts with CD4 antigen, a transmembrane glycoprotein (59 kDa) of the immunoglobulin supergene family present on subset of T lymphocytes ("helper/inducer" T cells) and also expressed at a lower level on monocytes and granulocytes.

Gene location: human chromosome 12p13.31

Immunoglobulin type

Mouse IgG1

Use

The reagent is designed for Flow Cytometry analysis of human blood cells using 20 µl reagent / 100 µl whole blood.

Presentation

The purified antibody is conjugated with R-Phycoerythrin (R-PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

Storage Buffer: PBS containing BSA* and 15 mM sodium azide (pH 7.4)

*Source of protease-free BSA is from the United States of America.

Literature

Brdickova N. et al., J. Exp. Med. 198, 1453-62 (2003).

Storage

Store at +4 °C for 12 months. Do not freeze. Avoid prolonged exposure to light.

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