

## CD4 (B486) Antibody

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 252599

**Unit:** 0.1 mg

**Description:**

CD4 antigen is found on a T-cell subset (helper/inducer) representing 45% of peripheral blood lymphocytes. CD4 is also present on 80% of thymocytes and at a lower level on monocytes. CD4 is involved in recognition of antigen presented along with MHC class II by APCs. CD4 is the primary cellular receptor for the human immunodeficiency virus (HIV).

**Isotype:** Mouse IgG1

**Applications:** E, FC

**Species Reactivity:** H

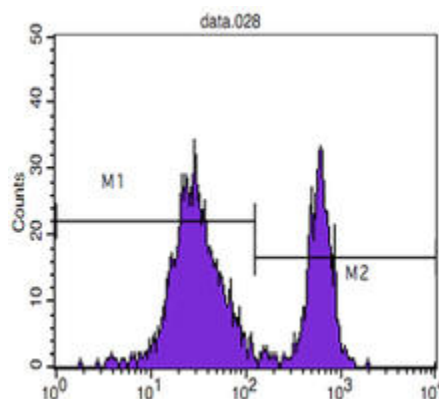
**Format:** Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD4

**Accession No.:** P06332

**Antigen:** Purified recombinant fragment of human CD4 expressed in *E. coli*.

**Application Notes:** E: 1:10000-1:20000; FC: 1:200-1:400



**Flow cytometry analysis of blood T cells using the CD4 (B486) Antibody (Cat. No. 252599) (M2) and negative control (M1).**

**Storage:** Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.