

CD3 (4D10) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252628

Unit: 0.1 mg

Description:

CD3 antigen is expressed in the cell cytoplasm during the early stage of T cell development and is expressed on the cell membrane at the late stage. CD3 antigen is displayed on 60-80% of normal peripheral blood lymphocytes and 60-70% of thymocytes and plays an important role in signal transduction after antigen recognition by TCR. NK cells also express the CD3 antigen in the cytoplasm.

Isotype: Mouse IgG2a

Applications: E, FC, IF

Species Reactivity: H

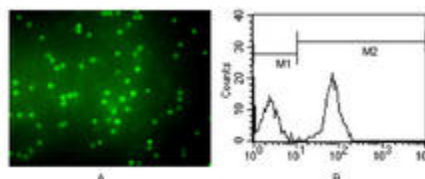
Format: Each vial contains 0.1 mg IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: T-cell surface glycoprotein CD3; T-cell surface antigen T3/Leu-4; CD3; T3

Accession No.: P07766

Antigen: Purified recombinant fragment of human CD3 expressed in *E. coli*.

Application Notes: E: 10000-1:20000; IF: 1:100-1:500; FC: 1:100-1:500



Immunofluorescence (A) and flow cytometry (B) analyses of human peripheral blood T cells using the CD3 (4D10) Antibody (Cat. No. 252628) (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.