
CD4 (HIT4a) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250936

Unit: 0.1 mg

Description:

The CD4 (HIT4a) Antibody recognizes a 55 kDa type-I single-chain transmembrane glycoprotein. CD4 antigen is a coreceptor for HLA class II molecule and HIV (human immunodeficiency virus), which is present on 35-50% of peripheral blood lymphocytes-T helper/inducer (Th/Ti), 70-80% of thymocytes and in low density on the peripheral blood monocytes and tissue macrophages. Th/Ti helps Ig production by B lymphocytes by enhancing maturation and increasing effectiveness of cytotoxic CD8 T cells.

Isotype: mouse IgG2b

Applications: E, FC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% 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.: P01730

Application Notes: E: 1:500-1:1,000; FC: 1:200-1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Tadamitsu K. et al., eds. 1997.

Leucocyte Typing VI: White Cell Differentiation Antigens. P49-52, 113-114 Garland Publishing, Inc., New York; Zhang, 2012. DOI: 10.1007/s11033-012-2136-4;

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