
CD40 (HI40a) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody

Cat. No.: 251073

Unit: 2 ml

Description:

The CD40 (HI40a) antibody recognizes a 48-kDa type-I single chain transmembrane glycoprotein expressed on normal and neoplastic B cells, but not on terminally differentiated plasma cells. CD40 antigen is also present on Hodgkin and Reed-Sternberg cells, follicular dendritic cells, some macrophages, basal epithelial cells and endothelial cells. The ligand for CD40 is CD154 (CD40L). CD40 is involved in growth, differentiation, isotype-switching on B cells and rescuing B cells from apoptosis.

Isotype: mouse IgG2b

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD40; Tumor necrosis factor receptor superfamily member 5; CD40L receptor; B-cell surface antigen CD40; Bp50; CDw40; TNFRSF5

Accession No.: P25942

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

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