
CD38 (HIT2) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody

Cat. No.: 251072

Unit: 2 ml

Description:

The CD38 (HIT2) antibody recognizes a 45-kDa single chain type-II transmembrane glycoprotein expressed on thymocytes, activated T and B cells, hematopoietic progenitors and terminally differentiated B cells/plasma cells (at high levels). CD38 antigen is also present on monocytes, dendritic cells, NK cells and some epithelial cells. CD38 is a NAD glycohydrolase and is a regulator of cell activation and proliferation, and also involved in adhesion between human lymphocytes and endothelial cells.

Isotype: mouse IgG1

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: CD38; ADP-ribosyl cyclase 1; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; T10

Accession No.: P28907

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.

Product Citations: Schlossman S. et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York; Yang CY. Et al. 1993. J. Monoclonal Ab. 9(4) :56; Chen Z. et al. 1987. Shanghai J. of Immunol. 7(1) :1

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