
CD38 (HIT2) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250960

Unit: 0.1 mg

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: E, FC, IHC

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

Accession No.: P28907

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

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

Product is guaranteed one year from the date of shipment.

Product Citations: [1] Schlossman S et al. eds. 1995.

Leucocyte Typing V: White Cell Differentiation Antigens.

P246, Oxford University Press, New York. [2] Yang CY et al.

1993. J. Monoclonal Ab. 9(4) :56. [3] Chen Z et al. 1987.

Shanghai J. of Immunol. 7(1) :1

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