
CD53 (HI29) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250972

Unit: 0.1 mg

Description:

The CD53 (HI29) antibody recognizes a 32-42 kDa type-III membrane glycoprotein called TM4. CD53 antigen appears to be the marker with the strictest specificity for hematopoietic cells expressing on all leukocytes including plasma cells, but not on platelets, erythrocytes and non-hematopoietic cells. CD53 mediates signal transduction.

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: CD53; Leukocyte surface antigen CD53; Cell surface glycoprotein CD53; Tetraspanin-25; Tspan-25

Accession No.: P19397

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] Shen DC et al. 1991. J. Monoclonal Antibody. 7(1):53. [2] Knapp W et al. eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. P798, 1078, Oxford University Press. , New York.

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