CD53 (HI29) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody
Cat. No.: 251084
Unit: 2 ml

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: 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: CD53; Leukocyte surface antigen CD53; Cell surface glycoprotein CD53; Tetraspanin-25; Tspan-25
Accession No.: P19397

Application Notes: FC with whole blood: 100 ?l blood + 20 ?l antibody; FC with cells: 10E6 cells + 20 ?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: Shen DC., et al. 1991. J. Monoclonal Antibody. 7(1):53; Knapp W., et al., eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. P798, 1078, Oxford University Press, New York.

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