CD15 (HI98) Antibody

Subcategory: Mouse Monoclonal Antibody, FITC-conjugated Antibody
Cat. No.: 251004
Unit: 2 ml

Description:
The CD15 (HI98) antibody recognizes a 220 kDa carbohydrate antigen?Lacto?N?fucopentaose III, also called Lewis X, X-hapten, and SSEA-I. CD15 antigen is expressed on mature granulocytes (strongly), monocytes (weakly), immature bone marrow cells of myelomonocytic lineage, peripheral blood T lymphocytes (weakly), and some T-cells. CD15 antigen is also expressed on leukemia cells of myelomonocytic origin, Langerhans cells, a variety of carcinoma cells (preferentially adenocarcinomas), and occasionally on lymphocytic leukemia cells. CD15 is absent from B lymphocytes, erythrocytes and platelets. A soluble form of CD15 exists in serum (plasma) besides a membrane form. CD15 antigen plays a role in mediating phagocytosis, bactericidal activity and chemotaxis.

Isotype: mouse IgM
Applications: FC
Species Reactivity: H
Format: Each vial contains 2 ml IgM (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by hydroxyapatite chromatography.
Alternate Names: Alpha-(1,3)-fucosyltransferase; Galactoside 3-L-fucosyltransferase; Fucosyltransferase 4; FucT-IV; Fuc-TIV; ELAM-1 ligand fucosyltransferase; CD15; FUT4; ELFT; FCT3A
Accession No.: P22083

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. 1989. J. Hematol, 10(7): 350; Guan Q. et al. 1993. Tissue Antigens. 42(4): 365.

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