Store at 4°C

PE Anti-Human CD15 Antibody

Catalog Number	Vial Size
H20151-09G	25 tests
H20151-09H	100 tests

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Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

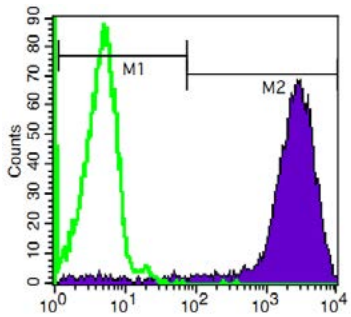
Purified Antibody Characterization

Clone	Isotype	Reactivity
HI98	Mouse IgM	Human

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.

Illustration of Immunofluorescent Staining



Human peripheral blood granulocytes stained with PE anti-human CD15

Product Information

Conjugation: PE

Formulation: PBS pH 7.2, 0.09% NaN_3, 0.2% BSA

Storage: Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used 20 µL to 5 µL /10^6 cells or 100 µL of whole blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

References

[1] Stocks SC, et al. 1990. Biochem. J. 268:275.

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