CD16 Antibody [CB16] (FITC)

CATALOG NUMBER: 76-570

Specifications

SPECIES REACTIVITY: Human
TESTED APPLICATIONS: FACS
USER NOTE: Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY: The CB16 monoclonal antibody specifically reacts with human CD16, the low affinity IgG receptor III (FC gamma RIII).
HOST SPECIES: Mouse

Properties

PURIFICATION: The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
PHYSICAL STATE: liquid
BUFFER: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
CONCENTRATION: 5 µL (0.125 ug) / test
STORAGE CONDITIONS: The product should be stored undiluted at 4˚C and should be protected from prolonged exposure to light. Do not freeze.
CLONALITY: Monoclonal
ISOTYPE: Mouse IgG1, kappa
CONJUGATE: FITC

Additional Info

ALTERNATE NAMES: CD16, FCG3, CD16A, FCGR3, IGFR3, IMD20, FCR-10, FCRIII, FCGRIII, FCGRIII, FCGR3A
OFFICIAL SYMBOL: FCGR3A
GENE ID: 2214

Background

BACKGROUND: The CB16 monoclonal antibody specifically reacts with human CD16, the low affinity IgG receptor III (FC gamma RIII). CD16 is expressed on granulocytes, monocytes, macrophages, and NK cells and plays a role in NK activation and signal transduction. CD16 is expressed as either CD16a or CD16b. CD16a is a polypeptide-anchored transmembrane protein and CD16b is a glycosylphosphatidylinositol (GPI)-anchored protein that is expressed exclusively on neutrophils.

REFERENCES:


phenotype of dendritic cells purified from mouse thymus and spleen: investigation of the CD8 expression by a subpopulation of dendritic cells. The Journal of experimental medicine, 176(1), 47-58.

FOR RESEARCH USE ONLY

December 13, 2016