Anti-Human CD16 FITC
Catalogue Number : 08221-50

Product Information

Clone: 3G8
Format/Conjugate: FITC
Concentration: 5μL(2.0ug)/test
Reactivity: Human
Laser: Blue (488nm)
Peak Emission: 520nm
Peak Excitation: 494nm
Filter: 530/30
Brightness (1=dim, 5=brightest): 3
Isotype: Mouse IgG1, kappa
Formulation: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
Storage: Product should be kept at 2-8°C and protected from prolonged exposure to light.
Applications: FC

Description
The 3G8 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.

Preparation & Storage
The product should be stored undiluted at 4C and should be protected from prolonged exposure to light. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Application Notes
The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. The antibody can be used at less than or equal to 5 μL per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 μL.

References