Anti-Human CD16 SAFIRE Purified
Catalogue Number : 08221-25

Product Information

Clone: 3G8
Format/Conjugate: SAFIRE Purified
Concentration: 2mg/ml
Reactivity: Human
Laser: Not Applicable
Peak Emission: Not Applicable
Peak Excitation: Not Applicable
Filter: Not Applicable
Brightness (1=dim,5=brightest): Not Applicable
Isotype: Mouse IgG1, kappa
Formulation: Phosphate-buffered aqueous solution, ph7.2
Storage: Product should be kept at 2-8°C.
Applications: FC, FA

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.

Application Notes

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

References