

Technical Data Sheet

Anti-Human CD16

Catalog Number: 100901, 100902

Size: 100 ug, 500 ug

Target Name: CD16, Fc γ RIII

Regulatory Status: RUO

Product Details

Clone: 016AB

Application: FC

Reactivity: Human

Format: Purified

Isotype: Rabbit IgG

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

Storage and Handling: The antibody solution should be stored between 2°C and 8°C

Background Information

CD16 is the type III Fc γ receptor. In humans, it exists in two different forms: Fc γ RIIIa (CD16a) and Fc γ RIIIb (CD16b). CD16, also known as Fc γ RIII, is a cluster of differentiation molecule found on the surface of natural killer cells, neutrophils, monocytes, macrophages, and certain T cells. CD16 has been identified as Fc receptors Fc γ RIIIa (CD16a) and Fc γ RIIIb (CD16b), which participate in signal transduction. It is expressed specifically on neutrophils. CD16 is often used as an additional marker to reliably identify different subsets of human immune cells.