Anti-Mouse CD16 / CD32 Purified
Catalogue Number : 08212-20

Product Information

 Clone: 2.4G2
 Format/Conjugate: Purified
 Concentration: 0.5 mg/mL
 Reactivity: Mouse
 Laser: Not Applicable
 Peak Emission: Not Applicable
 Peak Excitation: Not Applicable
 Filter: Not Applicable
 Brightness (1=dim, 5=brightest): Not Applicable
 Isotype: Rat IgG2b
 Formulation: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH 7.2.
 Storage: Product should be kept at 2-8°C and protected from prolonged exposure to light.
 Applications: FC, FA, IF, IP

Description
The 2.4G2 monoclonal antibody specifically reacts with an epitope on the extracellular domain of the mouse CD16 (Fc γ III) and CD32 (Fc γ II). CD16 and CD32 are low affinity receptors for the IgG Fc domain and are expressed by B lymphocytes, NK cells, kupffer cells, mast cells, monocytes, macrophages, granulocytes, immature thymocytes, neutrophils, and some activated mature T cells.
The 2.4G2 antibody blocks the binding of immunoglobulins to CD16 and CD32, and possibly to Fc γ I receptor.

Preparation & Storage
The product should be stored undiluted at 4°C 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. It is recommended that the reagent be titrated for optimal performance for each application.

References