Anti-Mouse CD16 / CD32 SAFIRE Purified
Catalog Number: 08212-25

Product Information

Clone: 2.4G2
Format/Conjugate: SAFIRE Purified
Concentration: 2 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, 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. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

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