

Purified Anti-Human CD32 Antibody[AT10]

catalog number: AN007560P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

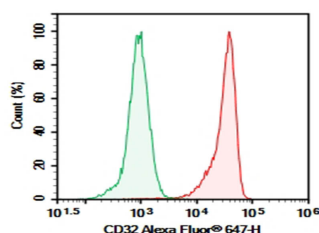
Reactivity	Human
Immunogen	Recombinant Human CD32 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	AT10
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	PBS, pH 7.2. Contains 0.05% Proclin300.

Applications

Recommended Dilution

FCM	2 μ g/mL (1×10^5 - 5×10^5 cells)
------------	---

Data



Human peripheral blood granulocytes cell were stained with 0.2 μ g Purified Anti-Human CD32 Antibody[AT10] (Right) and 0.2 μ g Mouse IgG1, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Fc gamma RII, also known as CD32, is a group of three closely related proteins (Fc gamma RIIA, Fc gamma RIIB, Fc gamma RIIC) that share greater than 94% amino acid identity in their extracellular domains with Fc gamma RIIB and Fc gamma RIIC having identical extracellular domains. They function as transmembrane receptors for the Fc portion of IgG molecules. These proteins are expressed by various hematopoietic cells including monocytes, macrophages, neutrophils, NK, T and B cells. The Fc gamma RII proteins are involved in phagocytosis of immune complexes and modulation of antibody production by B cells.