

Technical Data Sheet

APC Anti-Human CD32

Catalog Number: 109811, 109812

Size: 25 tests, 100 tests

Target Name: CD32, Fc γ RII, FCRII

Regulatory Status: RUO

Product Details

Clone: IV.3

Application: FC

Reactivity: Human

Format: APC

Isotype: Mouse IgG2b

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

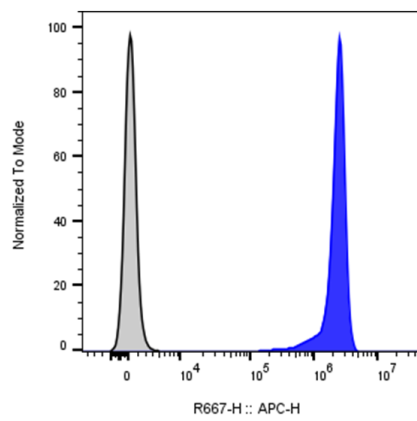
Recommended Usage: For flow cytometric staining, it is recommended to use 5 μ L of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Red Laser (633 nm)

Background Information

CD32 is a ~40-kDa polymorphic transmembrane glycoprotein belonging to the immunoglobulin superfamily. Also known as Fc γ RII or FCRII, it is expressed on a wide variety of immune and blood cells including B cells, monocytes/macrophages, granulocytes, platelets, and it has also been detected on natural killer (NK) cells. There are multiple isoforms of CD32 (at least six produced by alternative mRNA splicing). In humans, the major functional subtypes are CD32A and CD32C (activating) and CD32B (inhibitory).

Product Data



Human peripheral blood monocytes stained with either APC Anti-Human CD32 Clone IV.3 (color-filled histogram) or an isotype control (gray histogram).