

InnoCyto Inc.

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Technical Data Sheet

Anti-Human CD32

Catalog Number: 109801, 109802

Size: 100 ug, 500 ug

Target Name: CD32, Fc?RII, FCRII

Regulatory Status: RUO

Product Details

Clone: IV.3
Application: FC
Reactivity: Human
Format: Purified
Isotype: Mouse IgG2b

Antibody Type: Monoclonal

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

Protein Concentration: 0.5 mg/mL

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

Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.25 ug 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

Background Information

CD32 is a ~40-kDa polymorphic transmembrane glycoprotein belonging to the immunoglobulin superfamily. Also known as Fc?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).