

## InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103 Irvine, CA 92618

### **Technical Data Sheet**

iF488 Anti-Human CD32

Catalog Number: 109805, 109806

Size: 25 tests, 100 tests

Target Name: CD32, Fc?RII, FCRII

Regulatory Status: RUO

#### **Product Details**

Clone: IV.3 Application: FC Reactivity: Human Format: iF488

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 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by

titration for each specific application. **Excitation Laser:** Blue Laser (488 nm)

### **Background Information**

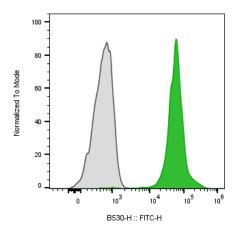
CD32 is a ~40-kDa polymorphic transmembrane glycoprotein belonging to the immunoglobulin superfamily. Also known as Fc?RII or FCRII, it is expressed on a wide variety of immune and blood cells including B cells, monocytes/macrophages, granulocytes, platelets, and it has also been detected on natural 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).

#### **Product Data**



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Human peripheral blood monocytes stained either with iF488 Anti-Human CD32 clone IV.3 (color-filled histogram) or an isotype control (gray histogram).