

## InnoCyto Inc.

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

## **Technical Data Sheet**

iF488 Anti-Human CD11b

Catalog Number: 100509, 100510

Size: 25 tests, 100 tests

Target Name: CD11b, Integrin ?M chain, C3biR, CR3, Mac-1, Mo1, ITGAM

Regulatory Status: RUO

#### **Product Details**

Clone: 011bAM1 Application: FC Reactivity: Human Format: iF488

Isotype: Mouse IgG1

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**

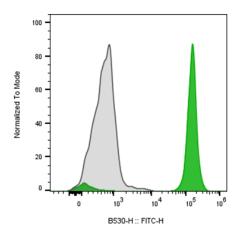
Integrin Alpha M (ITGAM); the alpha subunit of Mac-1 (Macrophage-1 antigen), the CR3 complement receptor which consists of CD11b and CD18. CR3 is a human cell surface receptor, found on polymorphonuclear leukocytes (mostly neutrophils), NK cells, and mononuclear phagocytes like macrophages, which is capable of recognizing and binding to many molecules found on the surfaces of invading bacteria. Binding to the receptor causes phagocytosis and destruction of the foreign cell.

#### **Product Data**



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Human peripheral blood granulocytes stained either iF488-Anti-Human CD11b clone 011bAM1 (color-filled histogram) or an isotype control (gray histogram).