

# InnoCyto Inc.

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

## **Technical Data Sheet**

Anti-Human CD11b

Catalog Number: 100401, 100402

Size: 100 ug, 500 ug

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

Regulatory Status: RUO

#### **Product Details**

Clone: 011bAB
Application: FC
Reactivity: Human
Format: Purified
Isotype: Rabbit IgG

Antibody Type: Monoclonal

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

Protein Concentration: 0.5 mg/mL

Storage and 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 0.2 ug of this reagent per 0.5-1.0 million cells in a 100  $\mu$ L volume. Optimal reagent performance should be

determined by titration for each specific application

## **Background Information**

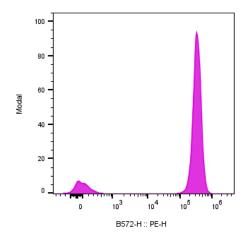
Integrin Alpha M (ITGAM); the alpha subunit of Mac-1 (Macrophage-1 antigen), the CR3 complement receptor which consists of CD11b and CD18. CR3 is a human cell surface receptor, found on polymorphonuclear leukocytes (mostly neutrophils), NK cells, and mononuclear phagocytes like macrophages, which is 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.

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Human granulocytes were stained either with purified Anti-Human CD11b clone 011bAB (color-filled histogram), followed by PE anti-rabbit IgG.