

## InnoCyto Inc.

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

## **Technical Data Sheet**

iF488 Anti-Human CD28

**Catalog Number:** 101509, 101510

Size: 25 tests, 100 tests Target Name: CD28, Tp44 Regulatory Status: RUO

#### **Product Details**

Clone: 028AB
Application: FC
Reactivity: Human
Format: iF488
Isotype: Rabbit IgG

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  $\mu$ L volume. Optimal reagent performance should be determined by

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

#### **Background Information**

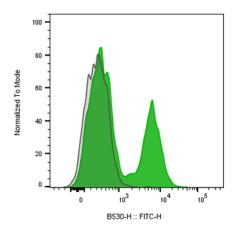
CD28 (Cluster of Differentiation 28) is one of the proteins expressed on T cells that provide co-stimulatory signals required for T cell activation and survival. T cell stimulation through CD28 in addition to the T-cell receptor (TCR) can provide a potent signal for the production of various interleukins (IL-6 in particular). CD28 is the only B7 receptor constitutively expressed on naive T cells. Association of the TCR of a naive T cell with MHC antigen complex without CD28:B7 interaction results in a T cell that is anergic.

### **Product Data**



# InnoCyto Inc.

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



Human peripheral blood lymphocytes stained either iF488 Anti-Human CD28 clone 028AB (color-filled histogram) or an isotype control (gray histogram).