

# InnoCyto Inc.

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

## **Technical Data Sheet**

Anti-Human EGFR

Catalog Number: 100102

**Size:** 500 ug

Target Name: EGFR, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1, HER1

Regulatory Status: RUO

### **Product Details**

Clone: 528
Application: FC
Reactivity: Human
Format: Purified
Isotype: Mouse IgG2a

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**

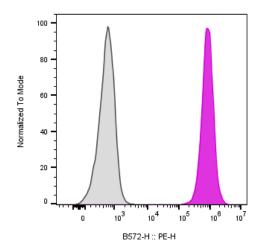
Epidermal growth factor receptor (EGFR) is a transmembrane glycoprotein and member of the protein kinase superfamily that regulates cell growth and differentiation. EGFR binds EGF, TGF-?, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30, and vaccinia virus growth factor - all members of the EGF family.

#### **Product Data**



# InnoCyto Inc.

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



A-431 cells stained either purified Anti-Human EGFR clone 528 (color-filled histogram) or an isotype control (gray histogram), followed by PE conjugated secondary anti-mouse.