

InnoCyto Inc.

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Technical Data Sheet

Catalog Number:

Size:

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

Regulatory Status: RUO

Product Details

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

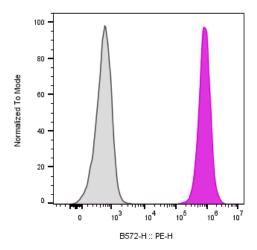
Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.2 ug of this reagent per 0.5-1.0 million cells in a 100 μ L volume. Optimal reagent performance should be

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



A-431 cells stained either purified Anti-Human EGFR clone 528 (color-filled histogram) or an isotype



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control (gray histogram), followed by PE conjugated secondary anti-mouse.