Anti-EGFR-169Tm

Catalog: 3169017A
Clone: D38B1
Package Size: 50 tests
Isotype: IgG
Storage: Store product at 4°C. Do not freeze.
Reactivity: Mouse, Human, Monkey
Formulation: Antibody stabilizer with 0.05% Sodium Azide

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

Epidermal growth factor receptor (EGFR), also known as ErbB-1 and HER1 in humans, is a transmembrane glycoprotein that is a member of the protein kinase superfamily for cell growth and differentiation regulation. EGFR is an extracellular protein ligand that binds to epidermal growth factor and transforming growth factor α (TGFα). Ligand binding induces receptor dimerization and tyrosine autophosphorylation, initiating the MAPK, Akt, and JNK signal transduction pathways towards DNA synthesis and cell proliferation. EGFR is expressed or highly expressed in a variety of human tumors of epithelial origin.

References


For technical support visit fluidigm.com/support

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