

A Reliable Research Partner in Life Science and Medicine

Purified Anti-Human CD340 Antibody[SER4]

catalog number: AN003530P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human CD340 protein

Host Mouse

Isotype Mouse IgG2b, κ

Clone SER4

Purification >98%, Protein A/G purified

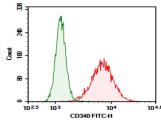
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



MCF-7 were stained with 0.2 μg Purified Anti-Human CD340 Antibody[SER4] (Right) and 0.2 μg Mouse IgG2b, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

Background

ErbB2, also called Neu and Her2, is a transmembrane glycoprotein in the ErbB family of tyrosine kinase receptors for EGF superfamily growth factors. ErbB2 is widely expressed in epithelial cells and over-expressed in a large number of breast carcinomas. ErbB2 has no identified ligands but heterodimerizes with ErbB1/EGF R, ErbB3, or ErbB4 to form higher affinity signaling complexes. The protease ADAM10 releases a 110 kDa soluble fragment of ErbB2 from the cell surface. ErbB2 plays roles in development, cancer, communication at the neuromuscular junction, and regulation of cell growth and differentiation. The ErbB2/ErbB3 heterodimer is expressed in the majority of breast, skin, ovary and gastrointestinal tumors and transduces a highly mitogenic signal in response to neuregulin 1 (NRG1; heuregulin 1) or NRG2. ErbB3, ErbB2 and neuregulin are all required for formation of the sympathetic nervous system

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