# Purified Anti-Human CD340 Antibody[SER4]

**catalog number: AN003530P**

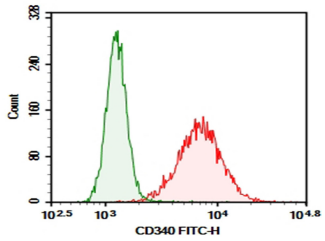
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## 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 μg/mL($1\times10^5$-$5\times10^5$ 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** | 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.



Toll-free: 1-888-852-8623
Web:www.elabscience.com
Tel: 1-832-243-6086
Email:techsupport@elabscience.com
Fax: 1-832-243-6017