

## Trastuzumab Biosimilar - Research Grade: APC ICH4013APC

### Product Information

<b>Catalog Number:</b>	ICH4013APC
<b>Product:</b>	Biosimilar antibody, Conjugate
<b>Target:</b>	HER2
<b>Isotype:</b>	IgG1 kappa
<b>Other names:</b>	Receptor tyrosine-protein kinase erbB-2, MLN 19, HER2, HER2/neu
<b>Host:</b>	Humanized
<b>Species Reactivity:</b>	Human
<b>Specificity:</b>	Detects human ErbB2. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Trastuzumab.
<b>Concentration:</b>	0.2mg/ml
<b>Formulation:</b>	This Allophycocyanin (APC) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.
<b>Storage:</b>	This Allophycocyanin (APC) conjugate is stable when stored at 2-8°C. Do not freeze.
<b>Applications:</b>	Flow Cytometry, IHC
<b>Application Notes:</b>	Excitation laser Red Laser (650 nm). Each investigator should determine their own optimal working dilution for specific applications.

### Background:

Trastuzumab is a humanized IgG1 kappa monoclonal antibody that selectively binds with high affinity to the extracellular domain of the human epidermal growth factor receptor 2 protein, HER2. Trastuzumab is produced by recombinant DNA technology in a mammalian cell (Chinese Hamster Ovary).