

Trastuzumab Biosimilar - PE Research Grade

Trastuzumab Biosimilar - Research Grade: PE

Unconjugated Product:

[Trastuzumab Biosimilar - Research Grade](#)

Conjugate:

R-phycoerythrin (R-PE)

Target:

ErbB2

Clone:

n/a

Isotype:

IgG1 kappa

Other Names:

Receptor tyrosine-protein kinase erbB-2, MLN 19, HER2, HER2/neu

Host:

CHO Cells

Species Reactivity:

Human

Specificity:

Detects human ErbB2.

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).

Concentration:

0.2 mg/ml

**Formulation:**

This PE 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.

Storage:

This PE conjugate is stable when stored at 2-8°C. Do not freeze.

Applications:

Flow Cytometry, IHC

Application Notes:

Excitation laser: Blue Laser (488 nm) and/or Green Laser (532 nm)/Yellow-Green Laser (561 nm). Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's trastuzumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) \[ICH2254\]](#)