

## Anti-EGFR, Chimeric Antibody (Ce3)

<b>CATALOG NO:</b>	A1047-100
<b>ALTERNATE NAMES:</b>	ERBB, ERBB1, Epidermal Growth Factor Receptor, HER1
<b>AMOUNT:</b>	100 µg
<b>IMMUNOGEN:</b>	Human A431 cells
<b>HOST</b>	Human/Mouse Chimeric
<b>ISOTYPE:</b>	Human IgG1
<b>CLONALITY:</b>	Monoclonal
<b>SOURCE:</b>	Murine cells
<b>ENDOTOXIN LEVELS:</b>	< 0.05 EU/ml
<b>PURIFICATION:</b>	IgG purified from murine cell culture supernatant by protein A chromatography
<b>SPECIES REACTIVITY:</b>	Human
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in phosphate buffered saline, pH 7.4
<b>STORAGE CONDITIONS:</b>	Store at 2 ° C to 8 ° C. <b>Do not freeze</b>
<b>SPECIFICITY:</b>	Recombinant, human/mouse chimeric monoclonal antibody that binds specifically to the extracellular domain of the human epidermal growth factor receptor (EGFR). The biosimilar antibody is composed of the Fv regions of a murine anti-EGFR antibody with human IgG1 heavy and kappa light chain constant regions and has an approximate molecular weight of 152 kDa. The biosimilar is produced in mammalian (murine myeloma) cell culture.
<b>DESCRIPTION:</b>	This biosimilar is a recombinant human/mouse chimeric epidermal growth factor receptor (EGFR) monoclonal antibody. Epidermal growth factor receptor (EGFR) is a receptor found on both normal and tumor cells that is important for cell growth. EGFR is a receptor for members of the epidermal growth factor family. Upon ligand binding to the receptor, EGFR dimerizes and subsequent tyrosine autophosphorylation leads to cell proliferation. Mutations in EGFR have been associated with lung and other types of cancers.
<b>APPLICATION:</b>	Neutralization: 0.1-20 µg/ml, ELISA: 2 µg/ml  <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b>

### RELATED PRODUCTS:

- Anti-VEGF, humanized Antibody (**Cat. No. A1045-100**)
- Anti-HER2, humanized Antibody (**Cat. No. A1046-100**)
- Anti-TNF-α, humanized antibody (**Cat. No. A1048-100**)
- Anti-CD20, chimeric antibody (**Cat. No. A1049-100**)
- Anti-EGFR, humanized antibody (**Cat. No. A1050-100**)
- Human CellExp™ ErbB2 / HER2 / CD340, human recombinant (**Cat. No. 7397-10**)
- HER2, Active, Human Recombinant (**Cat. No. 8011-5**)
- HER2, Active (**Cat. No. 7762-5**)
- HER2/ErbB2 Antibody (**Cat. No. 3783-100**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**