

use only

Anti-EGFR (Cetuximab), Chimeric Antibody

CATALOG NO:	A1047-100
ALTERNATE NAMES:	Erbitux
AMOUNT:	100 µg
IMMUNOGEN:	Human A431 cells
HOST	Human/Mouse Chimeric
ISOTYPE:	Human IgG1
CLONALITY:	Monoclonal
SOURCE:	Murine cells
ENDOTOXIN LEVELS:	< 0.05 EU/ml
PURIFICATION:	IgG purified from murine cell culture supernatant by protein A chromatography
SPECIES REACTIVITY:	Human
FORM:	Liquid
FORMULATION:	Supplied in phosphate buffered saline, pH 7.4
STORAGE CONDITIONS:	Store at 2° C to 8° C. Do not freeze
SPECIFICITY:	Cetuximab is a recombinant, human/mouse chimeric monoclonal antibody that binds specifically to the extracellular domain of the human epidermal growth factor receptor (EGFR). Cetuximab 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. Cetuximab is produced in mammalian (murine myeloma) cell culture.
DESCRIPTION:	Cetuximab 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. Cetuximab is an EGFR inhibitor, used to treat cancer by blocking the activity of EGFR and keep cancer from growing. Cetuximab can form a bridge that trigger an immune response by binding to the EGFR on the tumor cells. It is used for the treatment of EGFR-expressing, metastatic colorectal cancer.
APPLICATION:	Neutralization: 0.1-20 µg/ml, ELISA: 2 µg/ml

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

RELATED PRODUCTS:

- Anti-VEGF (Bevacizumab), humanized Antibody (**Cat. No. A1045-100**)
- Anti-HER2 (Trastuzumab), humanized Antibody (**Cat. No. A1046-100**)
- Anti-TNF-α (Adalimumab), humanized antibody (**Cat. No. A1048-100**)
- Anti-CD20 (Rituximab), chimeric antibody (**Cat. No. A1049-100**)
- Anti-EGFR (Panitumumab), 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.