

Anti-EGFR [C225 (Cetuximab)] Bulk Size Ab00279-2.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Fc Silent™, Kappa

Clone Number: C225 (Cetuximab)

Alternative Name(s) of Target: EGFR, ErbB-1, HER1; epidermal growth factor receptor

UniProt Accession Number of Target Protein: P00533

Published Application(s): Block, FC

Published Species Reactivity: Human

Immunogen: The epidermal growth factor receptor is the cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands.

Specificity: Recognises human EGFR.

Application Notes:

Antibody First Published in: Prewett M et al. The biologic effects of C225, a chimeric monoclonal antibody to the EGFR, on human prostate carcinoma. J Immunother Emphasis Tumor Immunol

[PMID:9041461](#)

Note on publication: Describes effect of antibody on human prostate cancer.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.