

EGFR recombinant antibody

Anti-EGFR [C225 (Cetuximab)]

CATALOG # AAA71948	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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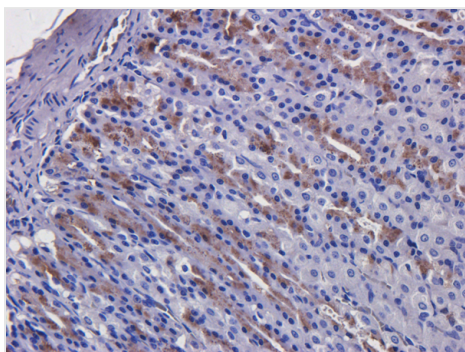
PRODUCT SYNONYMS

EGFR; Anti-EGFR [C225 (Cetuximab)]; ErbB-1; HER1; epidermal growth factor receptor; EGFR recombinant antibody

PRODUCT SPECIFICATIONS

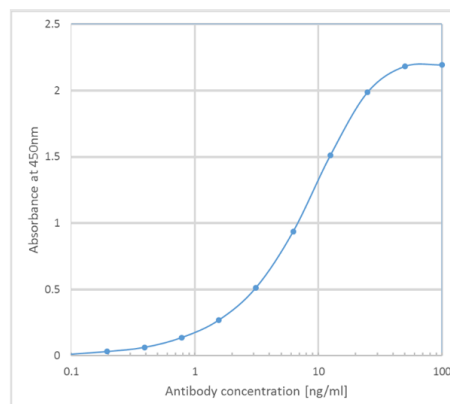
Reactivity	Human
Isotype	Human IgG1, kappa
Clone Number	C225 (Cetuximab)
Specificity	Recognizes human EGFR.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1 mg/mL (varies by lot)
Sequence Length	1210
Applicable Applications for EGFR recombinant antibody	FCM/FACS (Flow Cytometry), Blocking
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.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of rat stomach tissue using anti-EGFR antibody C225 (Cetuximab) Anti-EGFR staining of formaldehyde fixed paraffin embedded rat stomach tissue, at 40x magnification. The human IgG1-chimeric version of C225 was used to stain samples at a concentration of 5 ug/ml.



ELISA

Binding curve of anti-EGFR antibody to EGFR-Fc fusion protein ELISA Plate coated with human EGFR-Fc at a concentration of 2.0 mg/ml. A 2-fold serial dilution from 100 to 0.1 ng/ml was performed using HRP labelled cetuximab human IgG1

ADDITIONAL INFORMATION

Product Categories/Family for EGFR recombinant antibody	Biosimilar
References	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	2811086
NCBI GeneID	1956
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
NCBI Official Full Name	Epidermal growth factor receptor
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61; NISBD2
NCBI Protein Information	epidermal growth factor receptor
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1
UniProt Entry Name	EGFR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/egfr/71948>