

Cetuximab reference antibody



Catalog Number: 177075

Product name

Cetuximab reference antibody

Specificity

Human ERBB1 / EGFR / HER1

Antibody description

Anti-ERBB1 / EGFR / HER1 Antibody (Cetuximab)

Preparation

Recombinant expression and purified from CHO cells.

Formulation

0.1 M Pro-Ac, 20 mM Arg, pH 5.0

Storage

-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

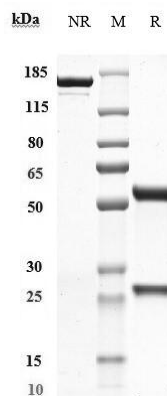
Ig Type

IgG1

Applications

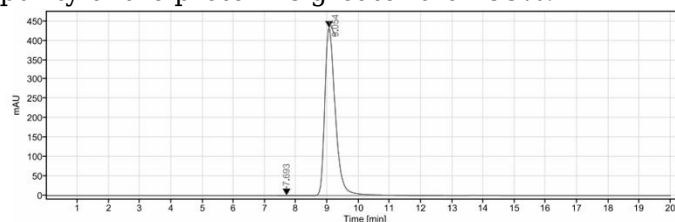
ELISA

Validations



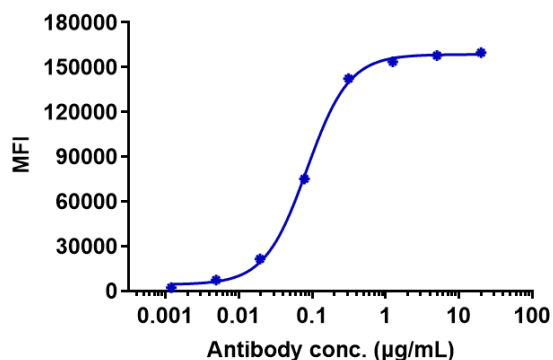
SDS-PAGE

Anti-ERBB1 / EGFR / HER1 Antibody (cetuximab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



SEC-HPLC

The purity of Anti-ERBB1 / EGFR / HER1 Antibody (cetuximab) is 99.92%, determined by SEC-HPLC.



Bioactivity: FACS

Human EGFR CHO-K cells were stained with Anti-ERBB1 / EGFR / HER1 Antibody (cetuximab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC₅₀=0.0845 ug/mL.