

## Anti-ERBB1/EGFR/HER1 Antibody (Cetuximab)

### Introduction

Cetuximab (C225) is a human IgG1 monoclonal antibody that can inhibit EGFR. The SPR method measured the Kd value of Cetuximab for EGFR to be 0.201 nM; Cetuximab has a highly effective anti-tumor effect.

### Product parameters

Alternative Names	Erbitux, IMC-C225
Target Accession	P00533
Target	ERBB1 / EGFR / HER1
CAS number	205923-56-4
Molecular Weight	145.56 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	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.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 µM filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

## Note

1. This product is for scientific research use only.



### **APExBIO Technology**

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