

37-1501: c-erbB-2 Recombinant Protein(Discontinued)

Gene ID : CD340,HER-2, HER2/neu

Alternative Name : Receptor tyrosine-protein kinase erbB-2,EC 2.7.10.1,p185erbB2,C-erbB-2,NEU proto-oncogene,Tyrosine kinase-type cell surface receptor HER2,MLN 19,CD340 antigen,NEU,NGL,HER2,TKR1,HER-2,c-erbB2,HER-2/neu.

Description

Source : HEK293 cells c-erbB2 Human Recombinant encoding 489-630 amino acids expressed in HEK293 cells, 17 kDa protein. c-erbB2 is purified by polyhistidine tag at the C -terminus. c-erbB-2 is a receptor tyrosine kinase of the c-erbB family. It is closely related in structure to the epidermal growth factor receptor. c-erbB-2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.

Product Info

Amount : 50 µg

Purification : More than 85% as determined by SDS-PAGE

Content : Lyophilized from sterile PBS containing 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Reconstitute with sterile water.

Storage condition : Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please avoid freeze-thaw cycles. Recommend to aliquot the protein for optimal storage.

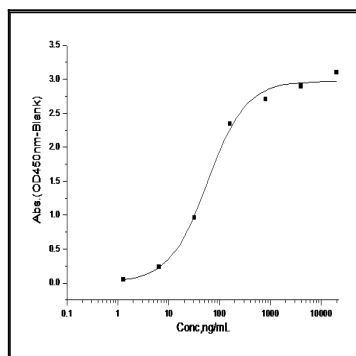


Fig-1: Measured by its binding ability in a functional ELISA. Immobilized human ErbB2 at 10 µg/mL (100 µL/well) can bind herceptin, the EC50 of herceptin is 10-40 ng/mL.