

32-5970: Polyclonal Rabbit Anti Human Herstatin

Clonality :	Polyclonal
Gene :	ERBB2
Gene ID :	2064
Uniprot ID :	P04626
Format :	Purified
Alternative Name :	NEU,NGL,HER2,TKR1,HER-2,c-erb B2,HER-2/neu,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.
Isotype :	Rabbit IgG
Immunogen Information :	The erbb2 antibody was raised in rabbits by immunization with the recombinant Human erbb2 (43.4 kDa, 397 a.a. and one extra AA, N-terminal Methionin) purified from E. coli.

Description

HER-2/neu (erbB-2) encodes an 185-kDa orphan receptor tyrosine kinase that is constitutively active as a dimer and displays potent oncogenic activity when overexpressed. Herstatin, as the product of alternative HER-2 transcript, retains intron 8. The herstatin mRNA is expressed in normal human fetal kidney and liver, but is at reduced levels relative to p185HER-2 mRNA in carcinoma cells that contain an amplified HER-2 gene. Herstatin appears to be an inhibitor of p185HER-2, because it disrupts dimers, reduces tyrosine phosphorylation of p185, and inhibits the anchorage-independent growth of transformed cells that overexpress HER-2.

Product Info

Amount :	10 µg
Content :	The erbb2 antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. AZIDE FREE. The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.
Storage condition :	