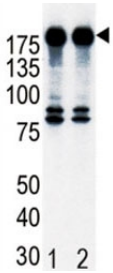
ErbB2 Antibody (F50600)

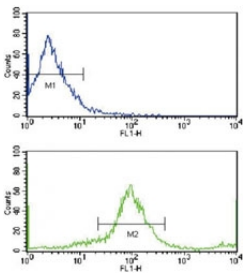
Catalog No.	Formulation	Size
F50600-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50600-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

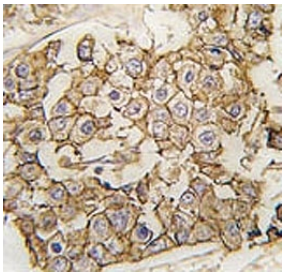
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P04626
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 IHC (Paraffin) : 1:50-1:100
Limitations	This ErbB2 antibody is available for research use only.



Western blot analysis of ErbB2 in T47D cell lysate, either noninduced (Lane 1) or induced with HRG (2).



Flow cytometric analysis of MCF-7 cells using HER2 / ErbB2 antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



IHC analysis of FFPE human breast carcinoma tissue stained with ErbB2 antibody

Description

ErbB2, a member of the EGF receptor family, is an essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. This protein is not activated by EGF, TGF-alpha and amphiregulin. ErbB2 potentially forms a heterodimer with each of the other ERBB receptors. An Interaction with PRKCABP has been suggested. Ligand-binding to this Type I membrane protein may increase phosphorylation on tyrosine residues.

For broad detection of HER2 (ErbB2) as a receptor tyrosine kinase, see our HER2 antibody.

Application Notes

Titration of the ErbB2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 21-52 from the human protein was used as the immunogen for this ErbB2 antibody.

Storage

Aliquot the ErbB2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.