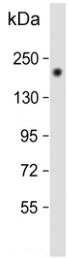
ErbB2 Antibody / HER2 (F54939)

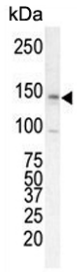
Catalog No.	Formulation	Size
F54939-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54939-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

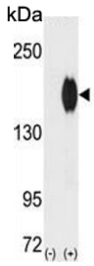
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P04626
Applications	1:50-1:1001:500-1:1000
Limitations	This ErbB2 antibody is available for research use only.



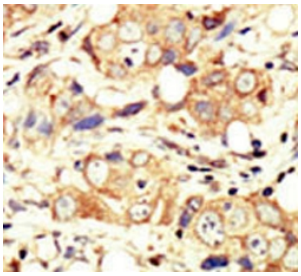
Western blot testing of human SK-BR-3 cell lysate with ErbB2 antibody. Expected molecular weight: 139-185 kDa depending on glycosylation level.



Western blot testing of human T-47D cell lysate with ErbB2 antibody. Expected molecular weight: 139-185 kDa depending on glycosylation level.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with ErbB2 antibody.



IHC testing of FFPE human breast cancer tissue with ErbB2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

ErbB2, a member of the EGF receptor family, is an essential component of a neuregulin-receptor complex, althought 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

The stated application concentrations are suggested starting points. Titration of the ErbB2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1206-1236 from the human protein was used as the immunogen for the ErbB2 antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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