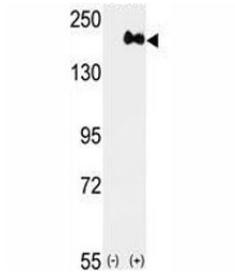
Anti-HER2 Antibody (F50601)

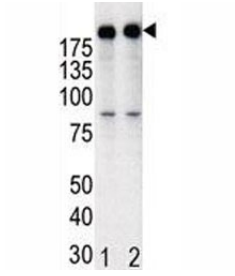
Catalog No.	Formulation	Size
F50601-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50601-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

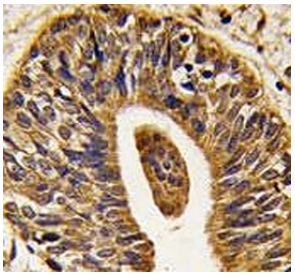
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P04626
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This anti-HER2 antibody is available for research use only.



Western blot analysis of anti-HER2 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ERBB2 gene (2).



Western blot analysis of anti-HER2 in T47D cell lysate, either noninduced (Lane 1) or induced with HRG (2).



HER2 Antibody Prostate Carcinoma IHC. Immunohistochemistry analysis of FFPE human prostate carcinoma tissue stained with anti-HER2 antibody.

Description

HER2/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 anti-HER2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1227-1255 from the human protein was used as the immunogen for this anti-HER2 antibody.

Storage

Aliquot the anti-HER2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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