ARG46790
anti-ERBB2 antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ERBB2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Specificity	Detects endogenous levels of ERBB2 by Western blot.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ERBB2
Species	Human
Immunogen	Purified recombinant peptide derived from within residues 1,177 aa to the C-terminus of human ERBB2 produced in E. coli.
Conjugation	Un-conjugated
Alternate Names	NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu

Application Instructions

Application table

Application	Dilution
IHC-P	1:250 - 1:1000
WB	1:500 - 1:5000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

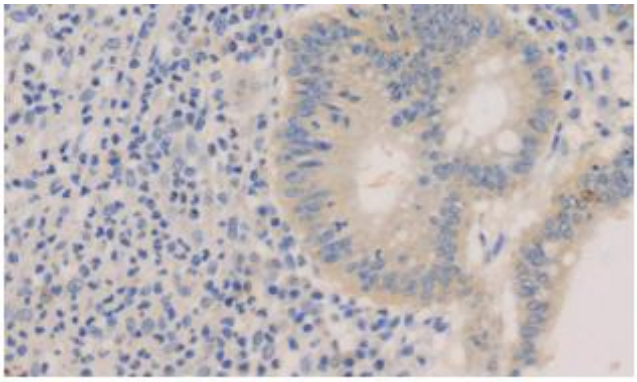
Properties

Form	Liquid
Purification	Epitope affinity purified
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

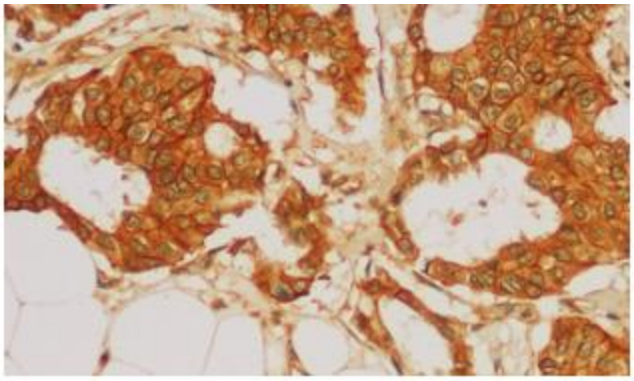
Gene Symbol	ERBB2
Gene Full Name	Erb-B2 Receptor Tyrosine Kinase 2
Background	c-erbB-2 is a 185kDa transmembrane tyrosine kinase belongs to the epidermal growth factor receptor (EGFR) family. This family comprises four homologous receptors ERFR, c-erbB-2, cerbB-3 and c-erbB-4. The HER-2 gene is located on chromosome 17 at q21. Activation of c-erbB-2 through autophosphorylation at tyrosine residues, is initiated by either homo- or heterodimerization and triggers intracellular signaling events, which are crucial for cell growth, differentiation and survival. This antibody labels activated c-cerbB-2 that is non-phosphorylated at tyrosine residue.
Calculated Mw	185 kDa
Cellular Localization	Membrane

Images



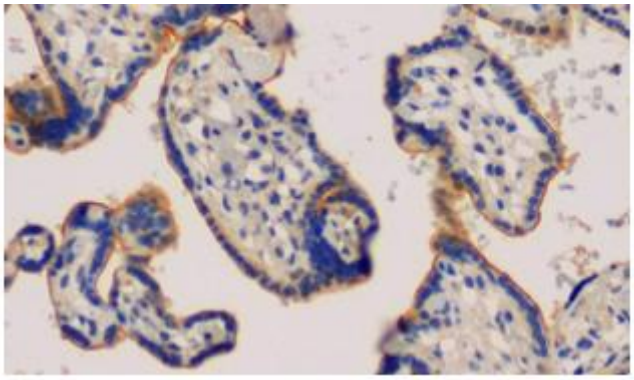
ARG46790 anti-ERBB2 antibody IHC-P image

Immunohistochemistry: Human appendix stained with ARG46790 anti-ERBB2 antibody at 1:500 dilution.



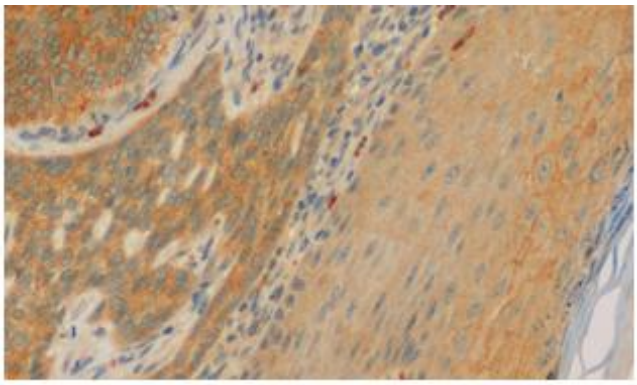
ARG46790 anti-ERBB2 antibody IHC-P image

Immunohistochemistry: Human breast carcinoma stained with ARG46790 anti-ERBB2 antibody at 1:500 dilution.



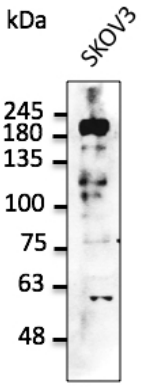
ARG46790 anti-ERBB2 antibody IHC-P image

Immunohistochemistry: Human placenta stained with ARG46790 anti-ERBB2 antibody at 1:500 dilution.



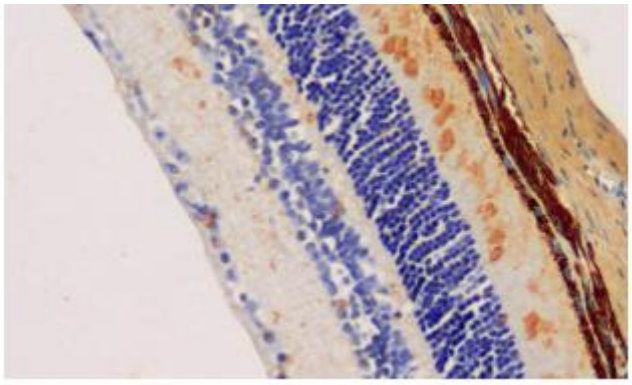
ARG46790 anti-ERBB2 antibody IHC-P image

Immunohistochemistry: Human skin stained with ARG46790 anti-ERBB2 antibody at 1:500 dilution.



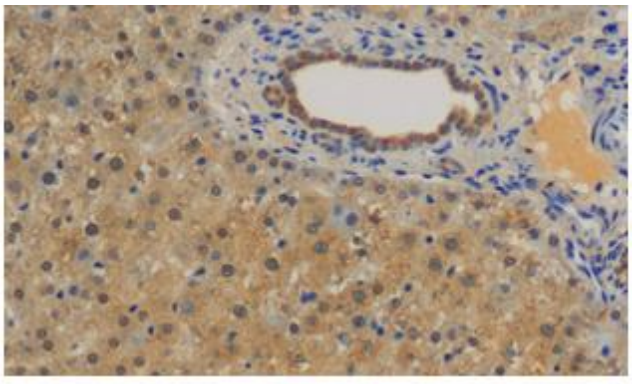
ARG46790 anti-ERBB2 antibody WB image

Western blot: SKOV3 stained with ARG46790 anti-ERBB2 antibody at 1:2500 dilution.



ARG46790 anti-ERBB2 antibody IHC-P image

Immunohistochemistry: Rat eye stained with ARG46790 anti-ERBB2 antibody at 1:500 dilution.



ARG46790 anti-ERBB2 antibody IHC-P image

Immunohistochemistry: Mouse liver stained with ARG46790 anti-ERBB2 antibody at 1:500 dilution.