

EGFR(Ab-1092) Antibody

Catalog No: #21074



Package Size: #21074-1 50ul #21074-2 100ul #21074-4 25ul

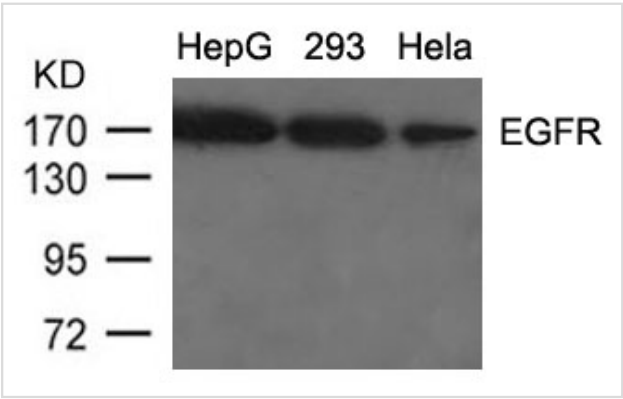
Overview

Product Name	EGFR(Ab-1092) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	EGFR
Alternative Names	Receptor tyrosine-protein kinase ErbB-1

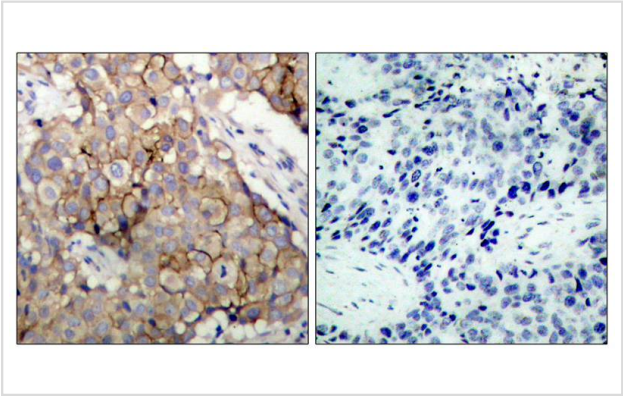
Application Details

Predicted MW: 175kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HepG2, 293 and Hela cells using EGFR(Ab-1092) Antibody #21074.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1092) Antibody #21074(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around aa. 1090~1094 (P-E-Y-I-N) derived from Human EGFR.
Specificity	The antibody detects endogenous level of total EGFR protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P00533NCBI Protein: NP_005219.2

Related Information

Receptor for EGF, but also for other members of the EGF family, as TGF- α , amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation

Buerger C, et al. (2003) J Biol Chem; 278(39): 37610-21.

Wang XQ, (2003) J Biol Chem; 278(49): 48770-8.

Saito T, et al. (2004) Endocrinology; 145(9): 4232-43.

Pao W, et al. (2004) Proc Natl Acad Sci U S A; 101(36): 13306-11.

Mattila E, et al. (2005) Nat Cell Biol; 7(1): 78-85.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.