Product Datasheet

EGFR(Ab-1092) Antibody

Catalog No: #21074

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	EGFR(Ab-1092) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total EGFR protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 1090~1094 (P-E-Y-I-N) derived from Human EGFR.
Target Name	EGFR
Other Names	Receptor tyrosine-protein kinase ErbB-1
Accession No.	Swiss-Prot: P00533NCBI Protein: NP_005219.2
Uniprot	P00533
GeneID	1956;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.

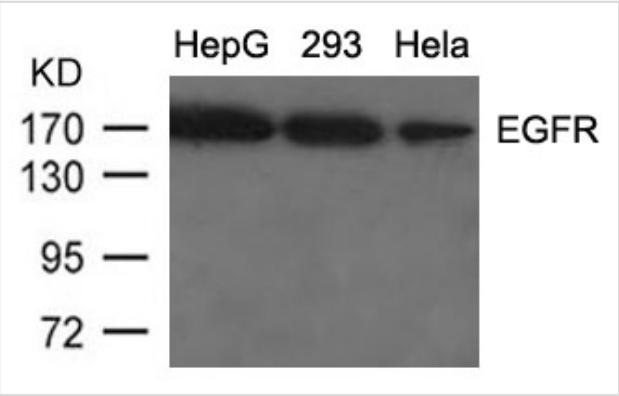
Application Details

Predicted MW: 175kd

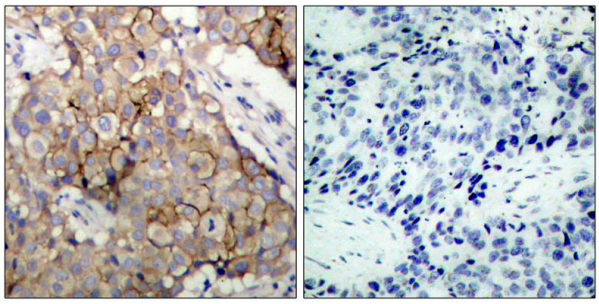
Western blotting: 1:500~1:1000

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).

Background

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

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