

EGFR(Ab-869) Antibody

Catalog No: #21222

Package Size: #21222-1 50ul #21222-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	EGFR(Ab-869) 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 Ms Rt
Specificity	The antibody detects endogenous level of total EGFR protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.867~871 (K-E-Y-H-A) derived from Human EGFR.
Target Name	EGFR
Other Names	Receptor tyrosine-protein kinase ErbB-1; ERBB1;
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 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.

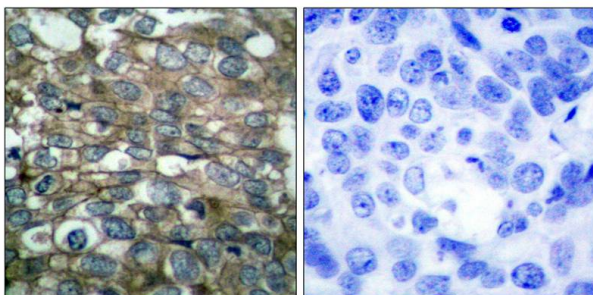
Application Details

Predicted MW: 175kd

Western blotting: 1:500~1:1000

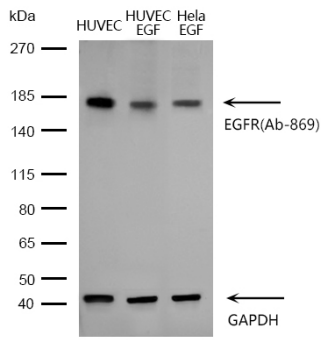
Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-869) Antibody #21222(left) or the same antibody preincubated with blocking peptide(right).

Western blot analysis of lysates from HUVEC, HUVEC EGF and Hela EGF, using EGFR Antibody.



Background

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 differentia

Gingras AC, et al. (1998) *Genes Dev* 12(4): 502-513.

Brugarolas J, et al. (2004) *Genes Dev* 18(23): 2893-2904.

Kumar V, et al. (2000) *EMBO J* 19(5): 1087-1097.

Moody CA, et al. (2005) *J Virol* 79(9): 5499-5506.

Burnett PE, et al. (1998) *Proc Natl Acad Sci U S A* 95(4): 1432-1437.

Note: This product is for in vitro research use only