EGFR(Ab-1110) Antibody

Catalog No: #21256

Package Size: #21256-1 50ul #21256-2 100ul #21256-4 25ul

Overview

Product Name	EGFR(Ab-1110) 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

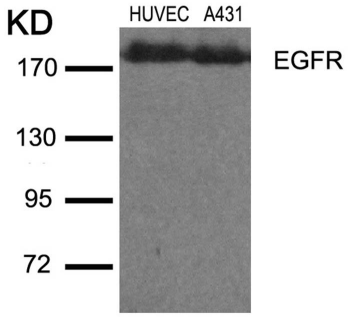
Application Details

Predicted MW: 175kd

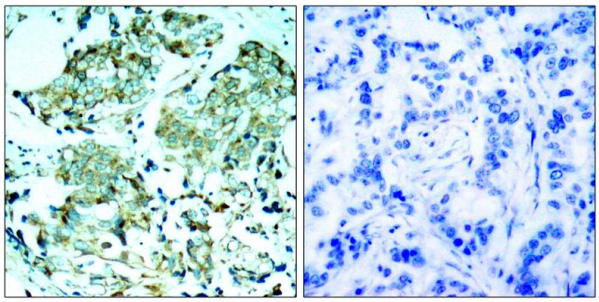
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HUVEC and A431 cells using EGFR(Ab-1110) Antibody #21256.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR(Ab-1110) Antibody #21256(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around aa. 1108~1112 (P-V-Y-H-N) derived from Human EGFR.
Specificity	The antibody detects endogenous level of total EGFR protein.
Purifiction	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 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.
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-a, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with SRC and CTNNB1/beta-catenin.

Kaisa Erjala, et al. (2006) Clin. Cancer Res Jul 2006; 12: 4103 - 4111.
Judit Anido, et al. (2003) Clin. Cancer Res ; 9: 1274.
Julian Andreev, et al. (2001) J. Biol. Chem ; 276: 20130 - 20135.
Suil Kim, et al. (2002) Am J Physiol Lung Cell Mol Physiol; 283: 67.