

EGFR Antibody | anti-EGFR antibody

EGFR (Phospho-Tyr1197) Antibody

CATALOG # AAA267710	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

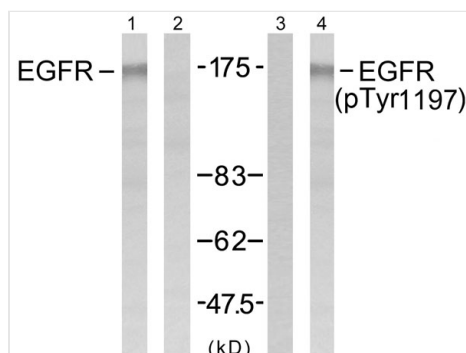
PRODUCT SYNONYMS

EGFR; EGFR (Phospho-Tyr1197) Antibody; ERBB1; Epidermal growth factor receptor precursor; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR; anti-EGFR antibody

PRODUCT SPECIFICATIONS

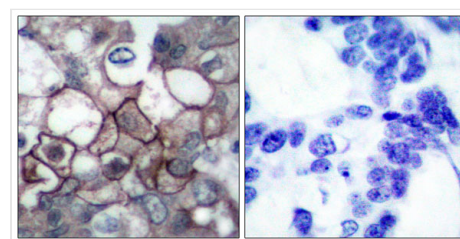
Reactivity	Human, Mouse, Rat
Specificity	EGFR (phospho-Tyr1197) antibody detects endogenous levels of EGFR only when phosphorylated at tyrosine 1197.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1210
Applicable Applications for anti-EGFR antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human EGFR around the phosphorylation site of tyrosine 1197 (A-E-YP-L-R).
All Sites	Human: Tyr1197 Mouse: Tyr1197 Rat: Tyr1196
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A431 cells untreated or treated with EGF (40μM, 10mins), using EGFR (Ab-1197) antibody (Line 1 and 2) and EGFR (phospho-Tyr1197) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using EGFR (Phospho-Tyr1197) antibody.

ADDITIONAL INFORMATION

References	Corbalan-Garcia S, et al. (1996) Mol Cell Biol; 16(10): 5674-5682. Kanner SB, et al. (1991) Mol Cell Biol; 11(2): 713-720. Wu TT, et al. (1998) Mol Biol Cell; 9(7): 1661-1674. O'Rourke DM, et al. (1997) Proc Natl Acad Sci USA; 94(7): 3250-3255. Goldstein DJ, et al. (1994) J Virol; 68(7): 4432-4441.
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.4
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	69,228 Da
NCBI Official Full Name	epidermal growth factor receptor isoform a
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61; NISBD2
NCBI Protein Information	epidermal growth factor receptor
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.