

anti-Human, Mouse EGFR Antibody | anti-EGFR antibody

EGFR (Phospho-Thr678) Antibody

CATALOG # AAA267315	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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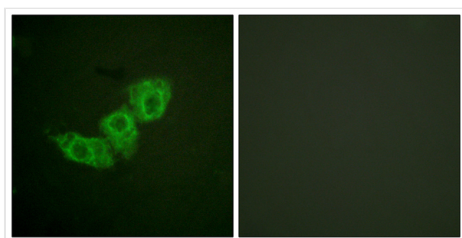
PRODUCT SYNONYMS

EGFR; EGFR (Phospho-Thr678) Antibody; EC 2.7.10.1; ERBB1; Epidermal growth factor receptor precursor; Receptor protein-tyrosine kinase ErbB-1; kinase EGFR; anti-EGFR antibody

PRODUCT SPECIFICATIONS

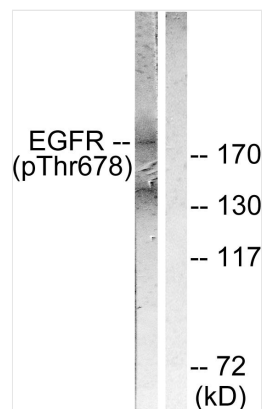
Reactivity	Human, Mouse
Specificity	EGFR (phospho-Thr678) antibody detects endogenous levels of EGFR only when phosphorylated at threonine 678.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human EGFR around the phosphorylation site of threonine 678 (K-R-TP-L-R).
All Sites	Human: Thr678 Mouse: Thr680
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from cos7 cells treated with EGF (200ng/ml, 30mins), using EGFR (phospho-Thr678) antibody. Immunofluorescence analysis of HuvEc cells, using EGFR (phospho-Thr678) antibody.



Application Data

ADDITIONAL INFORMATION

References	Roland Reinehr, FASEB J, Feb 2003; 10: 1096. Natsumi Yamamoto, J. Cell Sci., Nov 2006; 119: 4623-4633. James G. Christensen Clin, Cancer Res., Dec 2001; 7: 4230. Hideki Katayama, AACR Meeting Abstracts, Mar 2004; 2004: 1074. Ali Tadmouy Hbib, AACR Meeting Abstracts, Apr 2006; 2006: 1177 Komal Raina, AACR Meeting Abstracts, Apr 2006; 2006: 752-753.
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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.