

## EGFR (Phospho-Thr693) Antibody

**Catalog Number:** E011187-1, E011187-2 **Amount:** 50μg/50μl, 100μg/100μl

Swiss-Prot No.: P00533

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl,

0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human

EGFR around the phosphorylation site of threonine 693 (P-L-T<sup>P</sup>-P-S).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: EGFR (phospho-Thr693) antibody detects endogenous levels EGFR only when

phosphorylated at threonine 693.

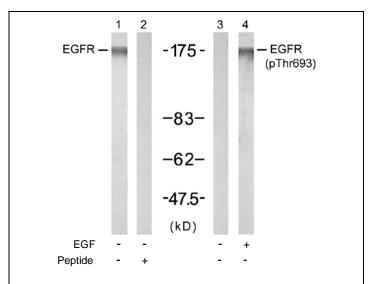
**Reactivity:** Human, Mouse, Rat **Applications:** WB: 1:500~1:1000

References: Doherty JK, et al. (1999) Proc Natl Acad Sci U S A; 96(19): 10869-10874

Wu TT, et al. (1998) Mol Biol Cell; 9(7): 1661-1674

O'Rourke DM, et al. (1997) Proc Natl Acad Sci U S A; 94(7): 3250-3255

Noguchi T, et al. (1994) Mol Cell Biol; 14(10): 6674-6682 Kanner SB, et al. (1991) Mol Cell Biol; 11(2): 713-720



Western blot analysis of extracts from A431 cells untreated or treated with EGF (200ng/ml, 5min), using EGFR (Ab-693) antibody (E021194, Lane 1 and 2) and EGFR (phospho-Thr693) antibody (E011187, Lane 3 and 4).