



HER4 (Phospho-Tyr1284) Antibody

#14212

Catalog Number: 14212-1, 14212-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. :Q15303

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 HER4 around the phosphorylation site of Tyrosine 1284

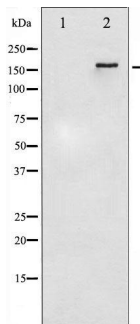
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: HER4(Phospho-Tyr1284)Antibody detects endogenous levels of HER4 only when phosphorylated at Tyrosine 1284

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 180kd WB:1:500~1:2000 IHC:1:50-200



Western blot analysis of HER4 phosphorylation expression in EGF treated HuvEc whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

The HER4/ERBB4 gene is a member of the type I receptor tyrosine kinase subfamily that includes EGFR (MIM 131550), ERBB2 (MIM 164870), and ERBB3 (MIM 190151). It encodes a receptor for NDF/heregulin (MIM 142445).