IR (Phospho-Tyr1361) Antibody

E11-0494A

Catalog Number: E11-0494A

Concentration: 1mg/ml

Swiss-Prot No.: P06213

Other Names: CD220 antigen, EC 2.7.10.1, IR, insulin receptor, kinase InsR

All Sites: Human: Tyr1361; Mouse: Tyr1351; Rat: Tyr1362

Storage/Stability: Store at -20℃/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human IR around the phosphorylation site of tyrosine 1361 (I-P-Y^{P}-T-H).

Purification: The antibody was 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.

Specificity: IR (Phospho-Tyr1361) antibody detects endogenous levels of IR only when phosphorylated at tyrosine 1361.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000

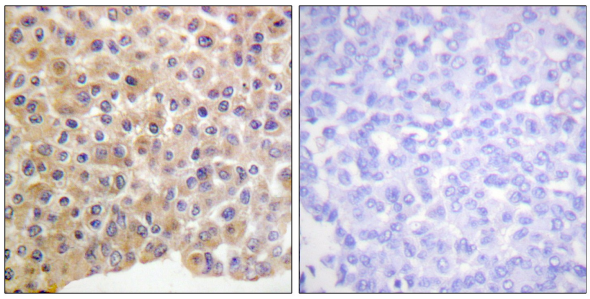
References:

Laura Sciacca, Endocrinology, Jun 2003; 144: 2650.

Mark Westcott, Asia Pacific Journal of Human Resources, Aug 2003; 41: 172 - 189.

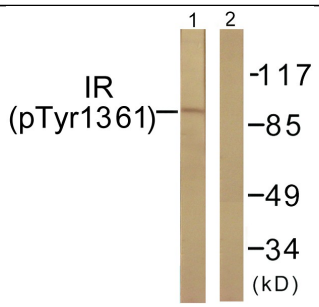
Adam Denley, Mol. Endocrinol., Oct 2004; 18: 2502 - 2512.

Rita Slaaby, J. Biol. Chem., Sep 2006; 281: 25869 - 25874.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using using IR (Phospho-Tyr1361) antibody.



Heat shock + +
P-peptide - +

Western blot analysis of extracts from 293 cells, treated with Heat shock, using IR (Phospho-Tyr1361) antibody.