



## INSR (Phospho-Thr1375) Antibody

**E11-8116A****Catalog Number:** E11-8116A**Concentration:** 1mg/ml**Swiss-Prot No.:** P06213**Other Names:** CD220 antigen; EC 2.7.10.1; insulin receptor; IR; kinase InsR**All Sites:** Human: Thr1375; Mouse: Thr1365; Rat: Thr1376**Storage/Stability:** Store at -20 °C/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 INSR around the phosphorylation site of threonine 1375 (I-L-T<sup>P</sup>-L-P).**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:** INSR (Phospho-Thr1375) antibody detects endogenous levels of INSR only when phosphorylated at threonine 1375.**Reactivity:** Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 92%, Positives = 100%);

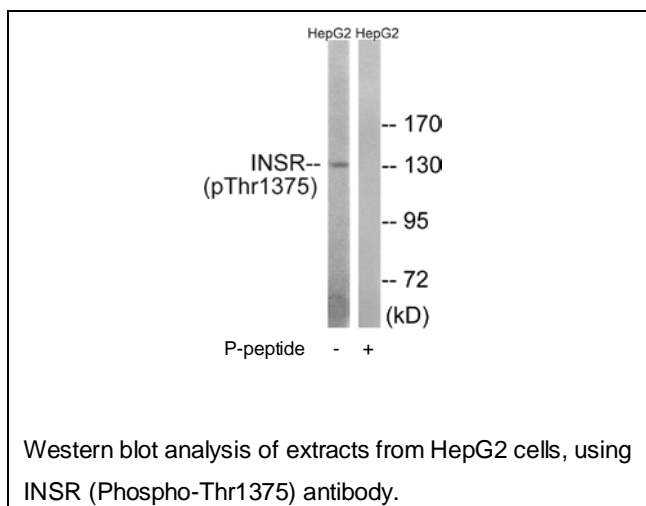
Rat (Identities = 92%, Positives = 100%)

**Applications:** WB: 1:500~1:1000 ELISA: 1:5000**References:**

Ebina Y., Cell 40:747-758(1985).

Ullrich A., Nature 313:756-761(1985).

Seino S., Diabetes 39:123-128(1990).

**For Research Use Only**