



PDGFR β (Phospho-Tyr740) Antibody

E11-0970A

Catalog Number: E11-0970A

Concentration: 1mg/ml

Swiss-Prot No.: P09619

Other Names: CD140b; EC 2.7.10.1; kinase

PDGFR-beta; PDGF-R-beta; PDGFR; PDGFR-beta; PGFRB; platelet-derived growth factor receptor, beta polypeptide

All Sites: Human: Tyr740; Mouse: Tyr739; Rat: Tyr739

Storage/Stability: Store at -20 $^{\circ}\text{C}$ /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 PDGFR β around the phosphorylation site of tyrosine 740 (G-G-Y^P-M-D).

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: PDGFR β (Phospho-Tyr740) antibody detects endogenous levels of PDGFR β only when phosphorylated at tyrosine 740.

Reactivity: Human (Identities = 100%, Positives = 100%), Mouse (Identities = 100%, Positives = 100%); Rat: (Identities = 100%, Positives = 100%)

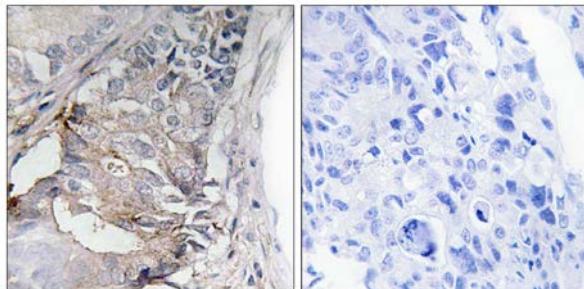
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:5000

References:

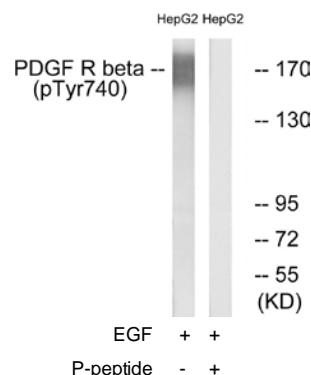
Gronwald R.G.K., Proc. Natl. Acad. Sci. U.S.A. 85:3435-3439(1988).

Claesson-Welsh L., Mol. Cell. Biol. 8:3476-3486(1988).

Chi K.D., Oncogene 15:1051-1057(1997).



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PDGFR β (Phospho-Tyr740) antibody.



Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using PDGFR β (Phospho-Tyr740) antibody.