

anti-Human, Mouse PDGFR beta Antibody | anti-PDGFR beta antibody

PDGFR beta (Phospho-Tyr740) Antibody

CATALOG # AAA267553	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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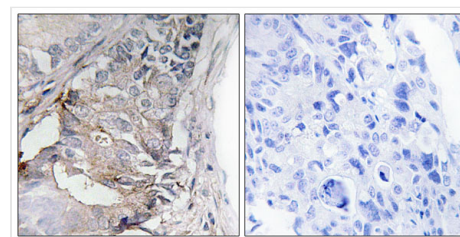
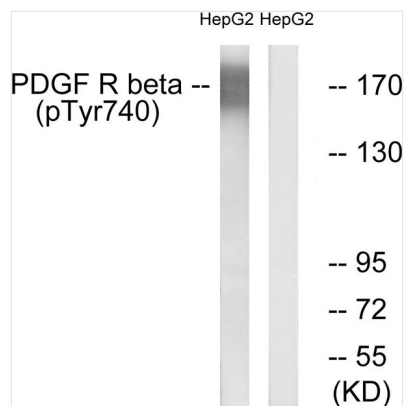
PRODUCT SYNONYMS

PDGFR beta; PDGFR beta (Phospho-Tyr740) Antibody; CD140b; EC 2.7.10.1; kinase PDGFR-beta; PDGF-R-beta; PDGFR; PDGFR-beta; PGFRB; platelet-derived growth factor receptor; beta polypeptide; anti-PDGFR beta antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	PDGFR beta (Phospho-Tyr740) antibody detects endogenous levels of PDGFR beta only when phosphorylated at tyrosine 740.
Purity/Purification	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.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1106
Applicable Applications for anti-PDGFR beta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PDGFR beta around the phosphorylation site of tyrosine 740 (G-G-YP-M-D).
All Sites	Human: Tyr740 Mouse: Tyr739 Rat: Tyr739
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using PDGFR beta (Phospho-Tyr740) antibody. Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using PDGFR beta (Phospho-Tyr740) antibody.

ADDITIONAL INFORMATION

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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505683
NCBI GeneID	5159
NCBI Accession #	NP_002600.1
NCBI GenBank Nucleotide #	NM_002609.3
UniProt Accession #	P09619; Q8N5L4; B5A957
Molecular Weight	37,412 Da
NCBI Official Full Name	platelet-derived growth factor receptor beta isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor beta
NCBI Official Symbol	PDGFRB
NCBI Official Synonym Symbols	IMF1; KOGS; IBGC4; JTK12; PDGFR; PENTT; CD140B; PDGFR1; PDGFR-1
NCBI Protein Information	platelet-derived growth factor receptor beta
UniProt Protein Name	Platelet-derived growth factor receptor beta
UniProt Gene Name	PDGFRB
UniProt Synonym Gene Names	PDGFR; PDGFR1; PDGF-R-beta; PDGFR-beta; PDGFR-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/pdgfr-beta/267553>