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Datasheet

PDGFRB MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00005159-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human PDGFRB protein.

Immunogen: PDGFRB (AAH32224.1, 1 a.a. ~ 1106 a.a) full-length human protein.

Sequence:
MRLPGAMPALALKGELLLLSLLLLLEPQISQGLVVTPPG
PELVLNVSSTFVLTCSGSAPVVWERMSQEPPQEMAK
AQDGTFSSVLTLTNLTGLDTGEYFCTHNDSRGLETDE
RKRLYIFVPDPTVGFLPNDAEELFIFLTEITEITIPCRVTD
PQLVVTLHEKKGDVALPVPYDHQRGFFGIFEDRSYICK
TTIGDREVDSDAYYVYRLQVSSINVSVNAVQTVVRQG
ENITLMCIVIGNEVVNFEWTYPRKESGRLVEPVTDFLL
DMPYHIRSILHIPSAELEDSGTYTCNVTESVNDHQDEK
AINITVVESGYVRLLGEVGTLQFAELHRSRTLQVVFEA
YPPPTVLWFKDNRTLGDSSAGEIALSTRNVSETRYVS
ELTLVRVKVAEAGHYTMRAFHEDAEVQLSFQLQINVP
VRVLELSESHPDSGEQTVRCRGRGMPQPNIIWSACR
DLKRCPRELPPTLLGNSSEEESQLETNVTYWEEEQEF
EVVSTLRLQHVDRPLSVRCTLRNAVGQDTQEVIVVPH
SLPFKVVVISAILALVVLTIISLIILIMLWQKKPRYEIRWKV
IESVSSDGHEYIYVDPMQLPYDSTWELPRDQLVLGRTL
GSGAFGQVVEATAHGLSHSQATMKVAVKMLKSTARS
SEKQALMSELKIMSHLGPHLNVVNLLGACTKGGPIYIIT
EYCRYGDLVDYLHRNKHTFLQHHSDKRRPPSAELYSN
ALPVGLPLPSHVSLTGESDGGYMDMSKDESVDYVPM
LDMKGDVKYADIESSNYMAPYDNYVPSAPERTCRATLI
NESPVLSYMDLVGFSYQVANGMEFLASKNCVHRDLA
ARNVLICEGKLVKICDFGLARDIMRDSNYISKGSTFLPL
KWMAPESIFNSLYTTLSDVWSFGILLWEIFTLGGTPYP
ELPMNEQFYNAIKRGYRMAQPAHASDEIYEIMQKCWE
EKFEIRPPFSQLVLLLERLLGEGYKKKYQQVDEEFLRS
DHPAILRSQARLPGFHGLRSPLDTSSVLYTAVQPNEG
DNDYIIPLPDPKPEVADEGPLEGSPSLASSTLNEVNTS
STISCDSPLEPQDEPEPEPQLELQVEPEPELEQLPDSG
CPAPRAEAEDSFL

Host: Rabbit

Reactivity: Human,Mouse

Applications: IP, WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5159

Gene Symbol: PDGFRB

Gene Alias: CD140B, JTK12, PDGF-R-beta, PDGFR, PDGFR1

Gene Summary: This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia. [provided by RefSeq]