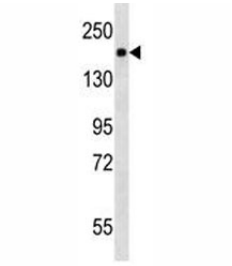
PDGFR Antibody (CD140b) [clone 275CT1] (F40302)

Catalog No.	Formulation	Size
F40302-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40302-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	275CT1
Purity	Purified
UniProt	P09619
Applications	Western Blot : 1:8-1:30
Limitations	This PDGFR antibody is available for research use only.



PDGFR antibody western blot analysis in mouse NIH3T3 lysate. Expected molecular weight: 123-190 kDa depending on level of glycosylation.

Description

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].

Application Notes

Titration of the PDGFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This PDGFR antibody was produced from a mouse immunized with recombinant protein.

Storage

Aliquot the PDGFR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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