

Datasheet for ABIN392034
anti-PDGFRB antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	PDGFRB
Binding Specificity:	AA 40-72, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This PDGFRB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-72 amino acids from the N-terminal region of human PDGFRB.
Clone:	RB01554
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PDGFRB
Alternative Name:	PDGFRB (PDGFRB Products)
Background:	PDGFRB is a cell surface tyrosine kinase receptor for members of the platelet-derived growth

Target Details

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. The 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 the gene to that of the translocation, ETS, leukemia gene, results in chronic myelomonocytic leukemia.

Molecular Weight: 123968

Gene ID: 5159

NCBI Accession: [NP_002600](#)

UniProt: [P09619](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Inositol Metabolic Process](#), [Glycosaminoglycan Metabolic Process](#), [Smooth Muscle Cell Migration](#), [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Application Notes: IF: 1:10~50. IHC-P: 1:10~50. FC: 1:10~50. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

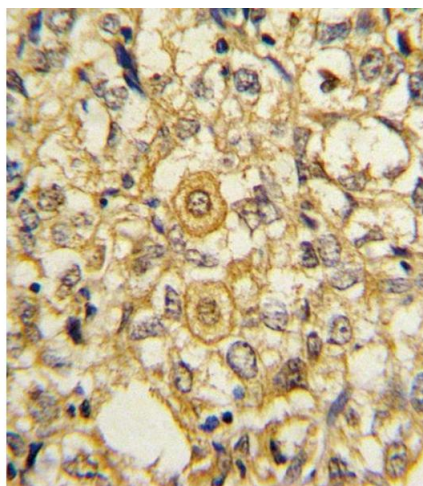
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

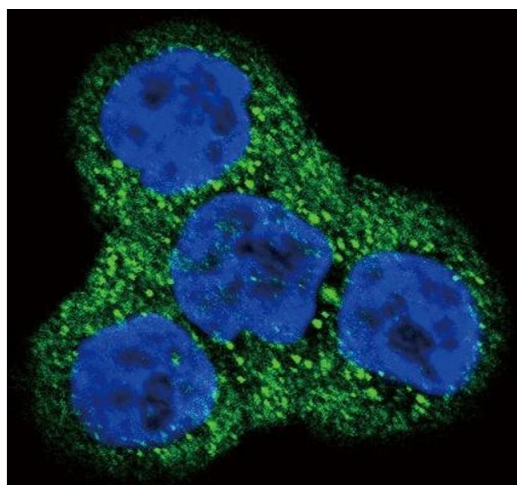
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



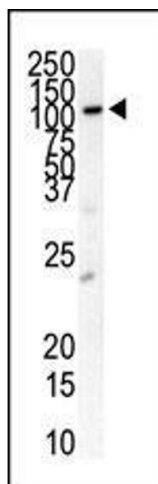
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma reacted with PDGFRB Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of PDGFRB Antibody (N-term) (ABIN392034 and ABIN2841803) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. Western blot analysis of anti-PDGFRB Antibody (N-term) (ABIN392034 and ABIN2841803) in cell line lysates (35 µg/lane). PDGFRB (arrow) was detected using the purified Pab).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN392034.