



Datasheet for ABIN518746  
**anti-PDGFRB antibody (AA 33-133)**



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6 Images

Overview

Quantity:	100 µg
Target:	PDGFRB
Binding Specificity:	AA 33-133
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDGFRB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PDGFRB.
Immunogen:	PDGFRB (AAH32224, 33 a.a. ~ 133 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LVTTPGPEL VLNVSSTFVL TCSGSAPVWV ERMSQEPPE MAKAQDGTFS SVLTLTNLTG LDTGEYFCTH NDSRGLETDE RKRLYIFVPD PTVGFLPND A E
Clone:	4C12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	PDGFRB
Alternative Name:	PDGFRB ( <a href="#">PDGFRB Products</a> )
Background:	Full Gene Name: platelet-derived growth factor receptor, beta polypeptide Synonyms: CD140B,JTK12,PDGF-R-beta,PDGFR,PDGFR1
Gene ID:	5159
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

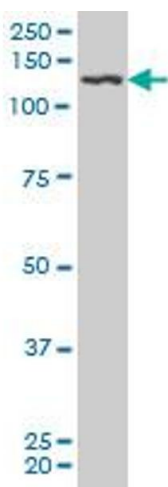
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

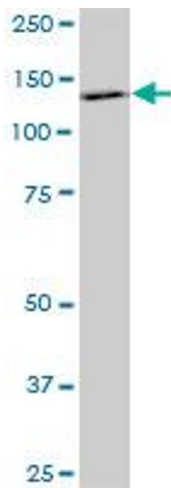
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



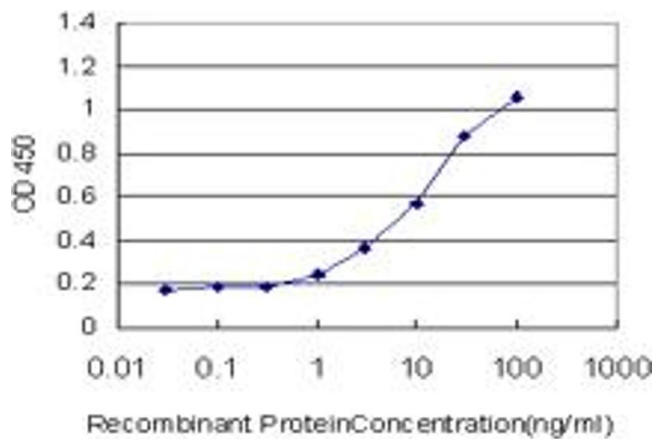
### Western Blotting

**Image 1.** PDGFRB monoclonal antibody (M08), clone 4C12. Western Blot analysis of PDGFRB expression in human stomach.



### Western Blotting

**Image 2.** PDGFRB monoclonal antibody (M08), clone 4C12. Western Blot analysis of PDGFRB expression in human uterus myoma.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged PDGFRB is approximately 1ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN518746.