

Datasheet for ABIN969346
anti-PDGFRB antibody



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Overview

Quantity:	100 µL
Target:	PDGFRB
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDGFRB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PDGFR Antibody
Immunogen:	Purified recombinant fragment of human PDGFRbeta expressed in E. Coli.
Clone:	1A2
Isotype:	IgG1
Purification:	Ascitic fluid

Target Details

Target:	PDGFRB
Alternative Name:	PDGFR (PDGFRB Products)
Background:	Platelet-derived growth factor receptor, beta polypeptide, also known as PDGFRB, PDGFR
Molecular Weight:	190 kDa

Target Details

Gene ID:	5159
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

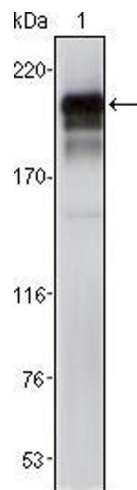
Application Notes:	ELISA: 1/10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % 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:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

Product cited in:	Gredmark, Strååt, Homman-Loudiyi, Kannisto, Söderberg-Nauclér: "Human cytomegalovirus downregulates expression of receptors for platelet-derived growth factor by smooth muscle cells." in: Journal of virology , Vol. 81, Issue 10, pp. 5112-20, (2007) (PubMed).
	Wilczynski, Chen, Chen, Howell, Shively, Alberts: "Expression and mutational analysis of tyrosine kinase receptors c-kit, PDGFRalpha, and PDGFRbeta in ovarian cancers." in: Human pathology , Vol. 36, Issue 3, pp. 242-9, (2005) (PubMed).
	Hansen, Rönstrand, Rorsman, Hellman, Heldin: "Association of coatamer proteins with the beta-receptor for platelet-derived growth factor." in: Biochemical and biophysical research communications , Vol. 235, Issue 3, pp. 455-60, (1997) (PubMed).



Western Blotting

Image 1. Western blot analysis using PDGFR β mouse mAb against NIH/3T3 cell lysate (1).