

Product Datasheet

PDGFR alpha Antibody (35248 (57/20)) NB100-65840

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-65840

PDGFR alpha Antibody (35248 (57/20))

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	35248 (57/20)
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.2) and 1.0% Trehalose
Product Description	
Host	Mouse
Gene ID	5156
Gene Symbol	PDGFRA
Species	Human
Specificity/Sensitivity	NB100-65840 is specific for PDGF receptor alpha. The ND50 was determined as 0.2-0.6 ug/ml for blocking 10 ng/ml of PDGF-AA biological activity on a quiescent confluent cell culture of human WS1 cells. PDGF is a major serum mitogen that can exist as a homo- or heterodimeric protein consisting of disulphide-linked PDGF-A and PDGF-B chains. The PDGF-AA, PDGF-BB and PDGF-AB isoforms have been shown to bind to two distinct cell surface PDGF receptors with different affinities. Whereas PDGF receptor alpha binds all three isoforms with high affinity, PDGF R beta binds PDGF-BB and AB but not PDGF-AA. Both PDGF receptor alpha and beta are members of the class III subfamily of receptor tyrosine kinases.
Immunogen	Purified recombinant human platelet-derived growth factor (PDGF) receptor alpha (extracellular domain), derived from the insect cell line Sf21.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml-2 ug/ml, ELISA 0.5 ug/ml-1 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml-20 ug/ml



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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