

## Product datasheet

# Anti-PDGF Receptor alpha antibody ab71008

★ ★ ★ ☆ ☆ 3 Abreviews 2 Images

### Overview

<b>Product name</b>	Anti-PDGF Receptor alpha antibody
<b>Description</b>	Rabbit polyclonal to PDGF Receptor alpha
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	KLH conjugated synthetic peptide corresponding to amino acid residues surrounding Y754 of human PDGFRA.
<b>Positive control</b>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> <p>Purchase matching WB positive control:  <a href="#">Recombinant human PDGF Receptor alpha protein</a> &gt;</p> </div> <p>293 cell lysates transiently transfected with the PDGF Receptor alpha gene. Human hepatocarcinoma tissue.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab71008 is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab71008** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★ ★ ★ ☆ ☆	1/50 - 1/100. Detects a band of approximately 123 kDa (predicted molecular weight: 123 kDa).

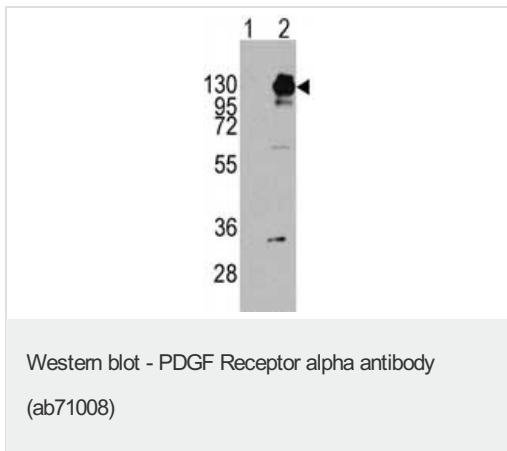
ELISA 1/1000.

IHC-P ★★★★★ 1/10 - 1/50.

## Target

<b>Function</b>	Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.
<b>Tissue specificity</b>	Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving PDGFRA is found in some cases of hypereosinophilic syndrome. Interstitial chromosomal deletion del(4)(q12q12) causes the fusion of FIP1L1 and PDGFRA (FIP1L1-PDGFR).
<b>Sequence similarities</b>	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 5 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
<b>Cellular localization</b>	Membrane.

## Anti-PDGF Receptor alpha antibody images



**All lanes :** Anti-PDGF Receptor alpha antibody (ab71008) at 1/50 dilution

**Lane 1 :** Nontransfected 293 cell lysates

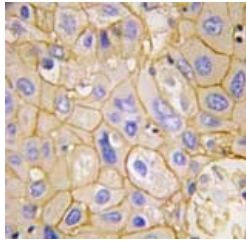
**Lane 2 :** 293 cell lysates transiently transfected with the PDGF Receptor alpha gene

Lysates/proteins at 2 µg per lane.

**Predicted band size :** 123 kDa

**Observed band size :** 123 kDa

**Additional bands at :** 100 kDa, 32 kDa, 60 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - PDGF Receptor alpha antibody (ab71008)

ab71008, at 1/10 dilution, staining PDGF Receptor alpha in formalin-fixed, paraffin-embedded human hepatocarcinoma tissue, followed by peroxidase-conjugated secondary antibody and DAB staining.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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