

## 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

### Function

Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.

### Tissue specificity

Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.

### Involvement in disease

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).

### Sequence similarities

Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.

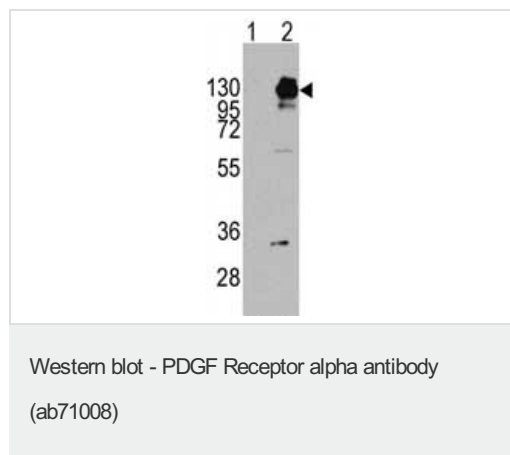
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 protein kinase domain.

### Cellular localization

Membrane.

## Images



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

**Lane 1 :** Nontransfected 293 cell lysates

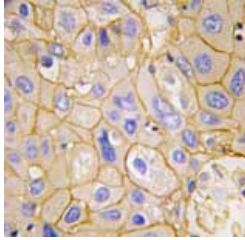
**Lane 2 :** 293 cell lysates transiently transfected with the PDGF Receptor alpha gene

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"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors