

Product datasheet

Anti-PDGF Receptor alpha antibody ab71008

★ ★ ★ ☆ ☆ 3 Abreviews 2 Images

Overview

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

Properties

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

Applications

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

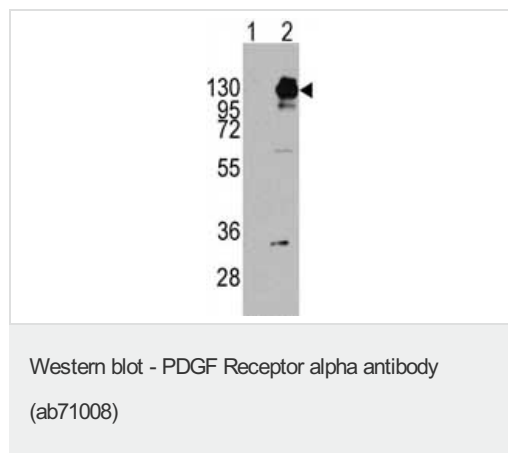
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

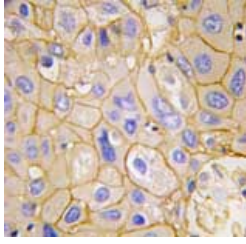
Lane 2 : 293 cell lysates transiently transfected with the PDGF Receptor alpha gene

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.

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