Product datasheet

Anti-PDGFR alpha antibody ab137789

Overview

Product name: Anti-PDGFR alpha antibody
Description: Rabbit polyclonal to PDGFR alpha
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity:
- Reacts with: Human
- Predicted to work with: Mouse, Rat, Cow
Immunogen: Recombinant fragment corresponding to Human PDGFR alpha aa 331-709 (internal sequence).
Positive control: K562 cell lysate

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab137789 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
</table>
**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-PDGFRA).

**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**

<table>
<thead>
<tr>
<th>KDa</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
</tr>
<tr>
<td>130</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>72</td>
</tr>
</tbody>
</table>

Anti-PDGFR alpha antibody (ab137789) at 1/1000 dilution + K562 whole cell lysate at 30 µg

**Predicted band size:** 122 kDa

5% SDS PAGE

---

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

---

**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 [https://www.abcam.com/abpromise](https://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