

## Product datasheet

# Human PDGF R alpha Antibody Pair - BSA and Azide free ab256620

Recombinant RabMAb

3 Images

### Overview

Product name	Human PDGF R alpha Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	31.25 pg/ml - 2000 pg/ml
Species reactivity	<b>Reacts with:</b> Human
Product overview	<p>The Antibody Pair can be used to quantify Human PDGF R alpha. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (<a href="#">ab242246</a>), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.</p> <p>Download SDS <a href="#">here</a>.</p>
Tested applications	<b>Suitable for:</b> Sandwich ELISA
Platform	Reagents

### Properties

Storage instructions	Store at +4°C. Please refer to protocols.
Carrier free	Yes

Components	10 x 96 tests
Human PDGF R alpha Capture Antibody (unconjugated)	1 x 100µg
Human PDGF R alpha Detector Antibody (unconjugated)	1 x 100µg

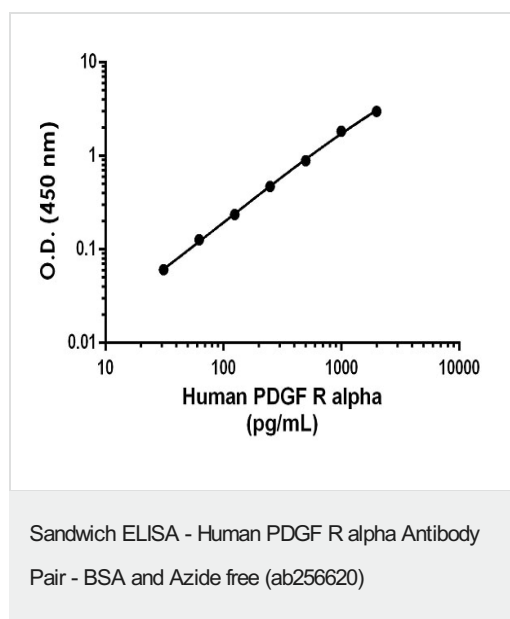
<b>Function</b>	Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.
<b>Tissue specificity</b>	Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.
<b>Involvement in disease</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). Contains 5 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
<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.

## Applications

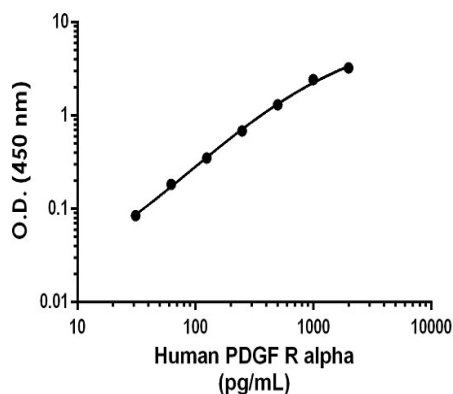
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab256620 in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>Sandwich ELISA</b>		Use at an assay dependent concentration.

## Images



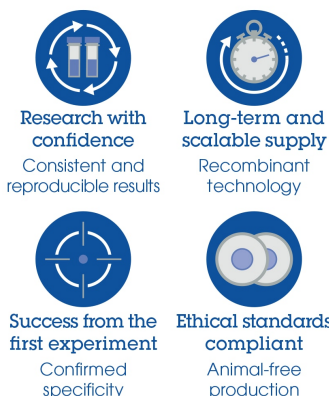
Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab242246](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.



Sandwich ELISA - Human PDGF R alpha Antibody  
Pair - BSA and Azide free (ab256620)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab242246](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Powered by  
recombinant antibodies



Sandwich ELISA - Human PDGF R alpha Antibody  
Pair - BSA and Azide free (ab256620)

To learn more about the advantages of recombinant antibodies see [here](#).

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

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