

Datasheet for ABIN5611262  
**anti-PDGFR $\alpha$  antibody (AA 179-361)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.1 mg
Target:	PDGFR $\alpha$
Binding Specificity:	AA 179-361
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human CD140a (AA: extra 179-361) expressed in E. coli.
Clone:	1A10A8
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	PDGFR $\alpha$
Alternative Name:	CD140a ( <a href="#">PDGFR<math>\alpha</math> Products</a> )
Background:	Description: This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer

## Target Details

determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

Aliases: PDGFRA, PDGFR2, PDGFR-2

Molecular Weight:	122.6 kDa
-------------------	-----------

Gene ID:	5156
----------	------

HGNC:	5156
-------	------

Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>
-----------	---

## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
---------	--------

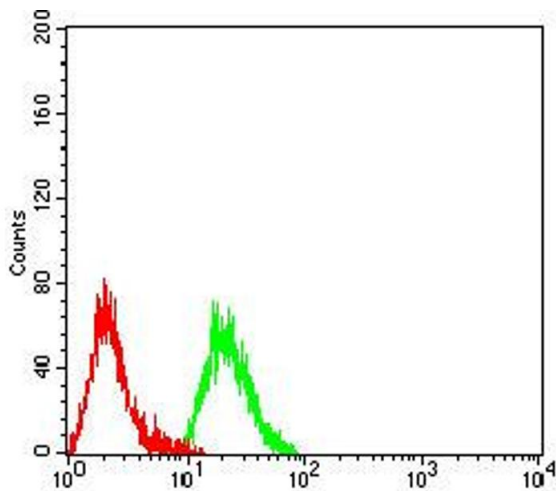
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
---------	---

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

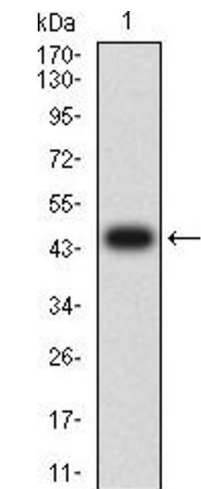
Storage:	4 °C/-20 °C
----------	-------------

Storage Comment:	4°C, -20°C for long term storage
------------------	----------------------------------



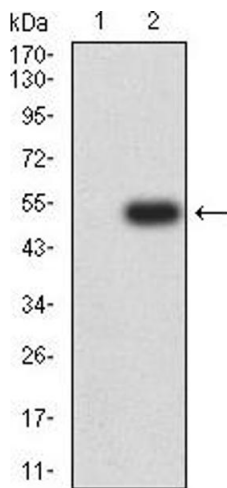
### Flow Cytometry

**Image 1.** Flow cytometric analysis of Raji cells using CD140a mouse mAb (green) and negative control (red).



### Western Blotting

**Image 2.** Western blot analysis using CD140a mAb against human CD140a (AA: extra 179-361) recombinant protein. (Expected MW is 46.5 kDa)



### Western Blotting

**Image 3.** Western blot analysis using CD140a mAb against HEK293 (1) and CD140a (AA: extra 179-361)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611262.