

# PE Rabbit anti-Human/Mouse PDGFR $\alpha$ /CD140a mAb

Catalog No.: A26602

## Basic Information

### Observed MW

### Calculated MW

123kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC56217-PE

### Conjugate

PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

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 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.

## Immunogen Information

### Gene ID

5156

### Swiss Prot

P16234

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-524 of human PDGFR $\alpha$ /CD140a (NP\_006197.1).

### Synonyms

CD140A; PDGFR2; PDGFR-2

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

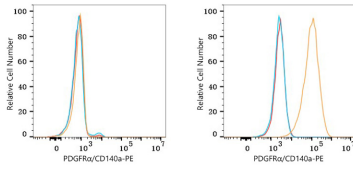
Affinity purification

### Storage

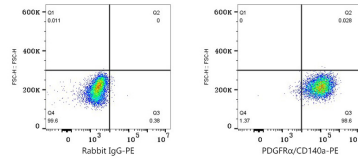
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

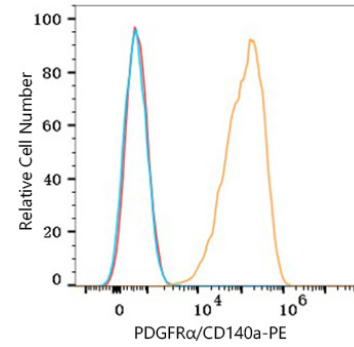
## Validation Data



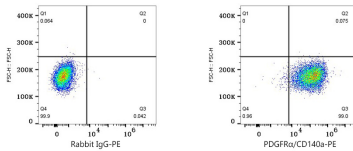
Flow cytometry:  $1 \times 10^6$  HeLa cells (negative control, left) and U-138MG cells (right) were surface-stained with PE Rabbit anti-Human/Mouse PDGFR $\alpha$ /CD140a mAb (A26602, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  U-138MG cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human/Mouse PDGFR $\alpha$ /CD140a mAb (A26602, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  HeLa cells (negative control, left) and NIH/3T3 cells (right) were surface-stained with PE Rabbit anti-Human/Mouse PDGFR $\alpha$ /CD140a mAb (A26602, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  NIH/3T3 cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human/Mouse PDGFR $\alpha$ /CD140a mAb (A26602, 5  $\mu$ l/Test, right).