

## CD181 (PTF0106) Mouse mAb

CatalogNo: YF0116 **Recombinant** 

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- FC

#### Isotype

- Mouse IgG2b/Kappa

### Storage

#### Storage\*

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

#### Formulation

PBS, pH 7.4

### Recommended Dilution Ratios

**FC:1 µg per million cells in 100 µl volume. For optimal results, the reagent should be titrated according to each specific application**

### Basic Information

#### Clonality

Monoclonal

#### Clone Number

PTF0106

### Immunogen Information

#### Specificity

Endogenous

### Target Information

#### Gene name

CXCR1 CMKAR1 IL8RA

**Protein Name** C-X-C chemokine receptor type 1 (CXC-R1) (CXCR-1) (CDw128a) (High affinity interleukin-8 receptor A) (IL-8R A) (IL-8 receptor type 1) (CD antigen CD181)

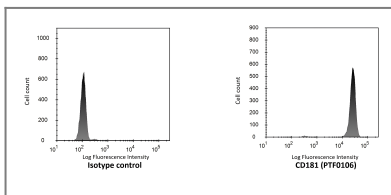
Organism	Gene ID	UniProt ID
Human	<a href="#">3577;</a>	<a href="#">P25024;</a>
Mouse	<a href="#">227288;</a>	<a href="#">Q810W6;</a>

**Cellular Localization** Cell membrane; Multi-pass membrane protein.

**Tissue specificity** Blood,Placenta,

**Function** Function:Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system. This receptor binds to IL-8 with a high affinity and to MGSA (GRO) with a low affinity.,online information:CXC chemokine receptors entry,similarity:Belongs to the G-protein coupled receptor 1 family.,

## Validation Data



Human peripheral blood granulocytes stained with Mouse IgG2b,  $\kappa$  isotype control or purified CD181 (PTF0106) , followed by anti-mouse IgGs-PE.

## Contact information

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**CD181 (PTF0106)**  
**Mouse mAb**

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