abcam

**ab328569**

# PE Anti-KIR3DL3/CD158z antibody [CH21]

## Key facts

| | |
|---|---|
| **Isotype** | IgG2a |
| **Host species** | Mouse |
| **Conjugation** | PE |
| **Excitation/Emission** | Ex: 480;565nm, Em: 578nm |
| **Storage buffer** | pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS, 0.2% BSA |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Immunogen** | human CD158z transfectants. Database link Q8N743 |
| **Clone number** | CH21 |
| **Purification technique** | Size-exclusion chromatography |
| **Specificity** | The mouse monoclonal antibody CH21 recognizes an extracellular epitope of human CD158z (KIR3DL3), a transmembrane glycoprotein of killer cell inhibitory receptor family. |

## Reactivity data

## Flow Cyt

### Tested

| | |
|---|---|
| **Species** | Transfected cell line - Human |
| **Dilution info** | 1-5 µg/mL |

| | |
|---|---|
| **Notes** | - |

### Predicted

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | - |
| **Notes** | - |

## Target data

See full target information KIR3DL3

| | |
|---|---|
| **Function** | Receptor on natural killer cells. May inhibit the activity of NK cells thus preventing cell lysis. |

## Storage

| | |
|---|---|
| **Shipped at conditions** | Ambient - Can Ship with Ice |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | +4°C |
| **Storage information** | Do Not Freeze |

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

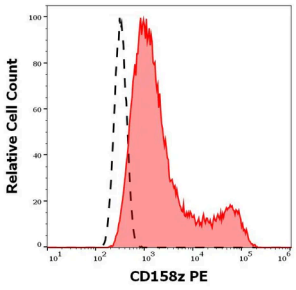
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

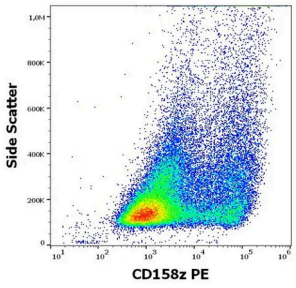
## 4 product images




### Flow Cytometry - PE Anti-KIR3DL3/CD158z antibody [CH21] (ab328569)

KIR3DL3/CD158z Flow Cytometry staining of KIR3DL3 (CD158z) transfected HEK-293 suspension using mouse Anti-KIR3DL3/CD158z antibody

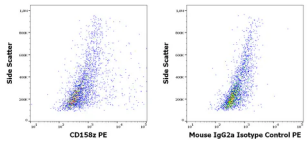
Separation of cells stained using anti-human CD158z (CH21) PE antibody (concentration in sample 1.67 µg/ml, red-filled) from cells stained using mouse IgG2a isotype control (MOPC-173) PE antibody (concentration in sample 1.67 µg/ml, same as CD158z PE concentration, black-dashed) in flow cytometry analysis (surface staining) of KIR3DL3 (CD158z) transfected HEK-293 cell suspension.




### Flow Cytometry - PE Anti-KIR3DL3/CD158z antibody [CH21] (ab328569)

KIR3DL3/CD158z Flow Cytometry staining of KIR3DL3 (CD158z) transfected HEK-293 suspension using mouse Anti-KIR3DL3/CD158z antibody

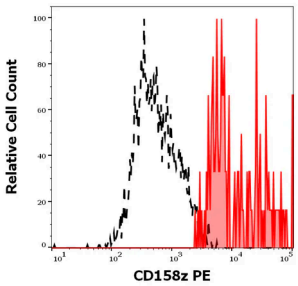
Flow cytometry surface staining patterns of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 1.67 µg/ml).




### Flow Cytometry - PE Anti-KIR3DL3/CD158z antibody [CH21] (ab328569)

KIR3DL3/CD158z Flow Cytometry staining of KIR3DL3 (CD158z) transfected HEK-293 suspension using mouse Anti-KIR3DL3/CD158z antibody

Flow cytometry surface staining patterns of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 5 µg/ml, left) or mouse IgG2a isotype control (MOPC-173) PE antibody (concentration in sample 5 µg/ml, same as CD158z PE concentration, right).




# Flow Cytometry - PE Anti-KIR3DL3/CD158z antibody [CH21] (ab328569)

KIR3DL3/CD158z Flow Cytometry staining of KIR3DL3 (CD158z) transfected HEK-293 suspension using mouse Anti-KIR3DL3/CD158z antibody

Separation of CD158z positive cells (red-filled) from CD158z negative cells (black-dashed) in flow cytometry analysis (surface staining) of KIR3DL3 (CD158z) transfected HEK-293 suspension stained using anti-human CD158z (CH21) PE antibody (concentration in sample 5 µg/ml).

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