abcam

ab321946

# Alexa Fluor® 488 Anti-CLEC5A antibody [EPR28104-14]

Recombinant | RabMAb

## Key facts

| | |
|---|---|
| **Isotype** | IgG |
| **Host species** | Rabbit |
| **Conjugation** | Alexa Fluor® 488 |
| **Excitation/Emission** | Ex: 495nm, Em: 519nm |
| **Storage buffer** | pH: 7.4 Preservative: 0.02% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Immunogen** | The exact immunogen used to generate this antibody is proprietary information. |
| **Clone number** | EPR28104-14 |
| **Purification technique** | Affinity purification Protein A |
| **Concentration** | 0.5 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |

## Reactivity data

## Flow Cyt

**Tested**

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | 1/500 |
| **Notes** | - |

## ICC/IF

### Expected

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | Use at an assay dependent concentration. |
| **Notes** | - |

## Target data

See full target information Clec5a

| | |
|---|---|
| **Function** | Functions as a positive regulator of osteoclastogenesis (PubMed:19251634). Cell surface receptor that signals via TYROBP (PubMed:10449773). Regulates inflammatory responses (PubMed:20212065). |

## Storage

| | |
|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage duration** | 1-2 weeks |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | -20°C |
| **Aliquoting information** | Upon delivery aliquot |
| **Storage information** | Avoid freeze / thaw cycle, Store in the dark |

## Notes

**Patented technology**
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

**What are the advantages of a recombinant monoclonal antibody?**
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

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## 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**

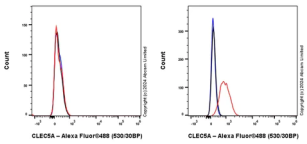
We do not recommend this combination. It is not covered by our product promise.

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.

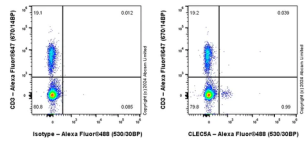
## 3 product images



### Flow Cytometry - Alexa Fluor® 488 Anti-CLEC5A antibody [EPR28104-14] (ab321946)

Flow cytometric analysis of EL4 (mouse lymphoma T lymphocyte, Left) / RAW 264.7 (mouse Abelson murine leukemia virus-induced tumor macrophage, Right) cells labelling CLEC5A with ab321946 at 1/500 dilution (0.1ug) (Red) compared with a Rabbit IgG monoclonal [EPR25A] - Isotype Control (Alexa Fluor® 488) (ab199091) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

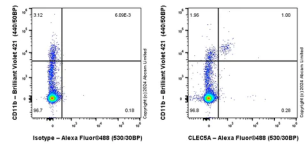
Negative control: EL4.
Gated on viable cells.



### Flow Cytometry - Alexa Fluor® 488 Anti-CLEC5A antibody [EPR28104-14] (ab321946)

Flow cytometric analysis of Mouse splenocytes cells labelling CLEC5A with ab321946 at 1/500 dilution (0.1ug) / Right compared with a Rabbit IgG monoclonal [EPR25A] - Isotype Control (Alexa Fluor® 488) (ab199091) / Left isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Cells are co-stained with CD3 conjugated to Alexa Fluor®647.
Gated on viable cells.



### Flow Cytometry - Alexa Fluor® 488 Anti-CLEC5A antibody [EPR28104-14] (ab321946)

Flow cytometric analysis of Mouse spleenocytes cells labelling CLEC5A with ab321946 at 1/500 dilution (0.1ug) / Right compared with a Rabbit IgG monoclonal [EPR25A] - Isotype Control (Alexa Fluor® 488) (ab199091) / Left isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Cells are co-stained with CD11b conjugated to Brilliant Violet 421.
Gated on viable cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.