

Product datasheet

Anti-CD89 antibody [MIP7c] ab53357

[1 References](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-CD89 antibody [MIP7c] |
| Description | Mouse monoclonal [MIP7c] to CD89 |
| Host species | Mouse |
| Specificity | ab53357 recognises the EC1 domain of the CD89 extracellular region. |
| Tested applications | Suitable for: Inhibition Assay |
| Species reactivity | Reacts with: Human |
| Immunogen | Soluble CD89 |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -20°C or -80°C. |
| Storage buffer | Preservative: 0.1% Sodium azide Constituent: PBS |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | MIP7c |
| Isotype | IgG1 |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab53357 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|------------------|-----------|-------|
| Inhibition Assay | | |

Application notes

Flow Cyt: Use 1 µg/100 µl as primary antibody.
Inhib: Use 4 µg for 10⁵ cells.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production.

Tissue specificity

Isoform A.1, isoform A.2 and isoform A.3 are differentially expressed between blood and mucosal myeloid cells. Isoform A.1, isoform A.2 and isoform A.3 are expressed in monocytes. Isoform A.1 and isoform A.2 are expressed in alveolar macrophages; however only one isoform is expressed at alveolar macrophages surfaces.

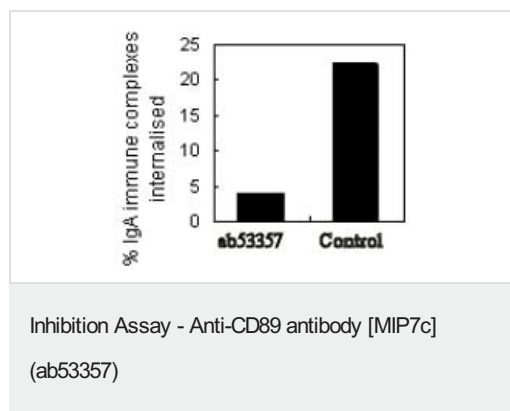
Sequence similarities

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Cellular localization

Secreted and Cell membrane.

Images



Neutrophil phagocytosis of IgA immune complexes in presence or absence (control) of ab53357.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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