

Product datasheet

Anti-CD229 antibody [HLy9.25] ab103172

[2 References](#) [2 Images](#)

Overview

Product name	Anti-CD229 antibody [HLy9.25]
Description	Mouse monoclonal [HLy9.25] to CD229
Host species	Mouse
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD229. CD299-transfected 300.19 pre-B cell line
Positive control	Peripheral blood cells
General notes	<p>HLy9.25 is also known as HLy9.1.25</p> <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 short term (1-2 weeks). Store at -20°C long term.
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituent: PBS
Purity	Protein A purified
Purification notes	> 95% (by SDS-PAGE) Purified from TCS
Clonality	Monoclonal
Clone number	HLy9.25
Isotype	IgG1

Applications

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab103172 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
Flow Cyt		Use a concentration of 6 µg/ml.

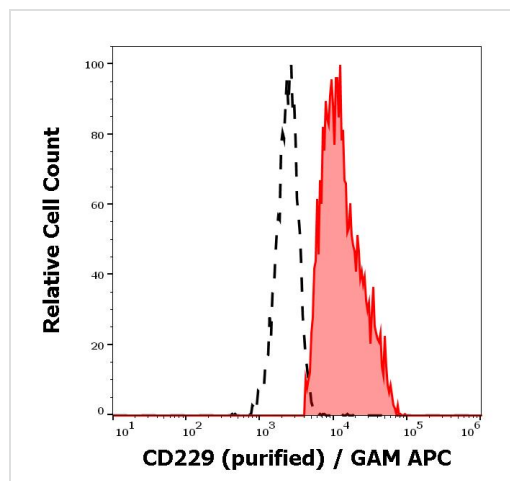
Target

Function May participate in adhesion reactions between T lymphocytes and accessory cells by homophilic interaction.

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

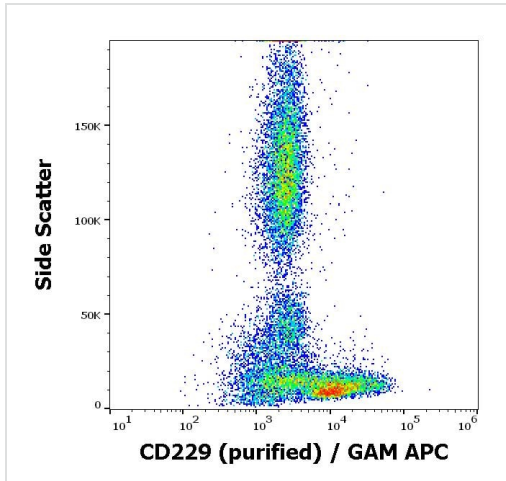
Cellular localization Membrane.

Images



Separation of human CD229 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab103172 at 16 µg/ml.

Flow Cytometry - Anti-CD229 antibody [HLy9.25]
(ab103172)



Flow cytometry surface staining pattern of human peripheral blood stained using ab103172 at 16 µg/ml.

Flow Cytometry - Anti-CD229 antibody [HLy9.25]
(ab103172)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors