

Product datasheet

Alexa Fluor® 700 Anti-CD94 antibody [KLRD1]  
ab272350

2 Images

Overview

<b>Product name</b>	Alexa Fluor® 700 Anti-CD94 antibody [KLRD1]
<b>Description</b>	Alexa Fluor® 700 Mouse monoclonal [KLRD1] to CD94
<b>Host species</b>	Mouse
<b>Conjugation</b>	Alexa Fluor® 700
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD94. Cultured human NK cells Database link: <a href="#">Q13241</a>
<b>Positive control</b>	Flow Cyt: human peripheral whole blood.
<b>General notes</b>	Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> .

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.

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

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	Purified from TCS.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	KLRD1
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab272350 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 at an assay dependent concentration.

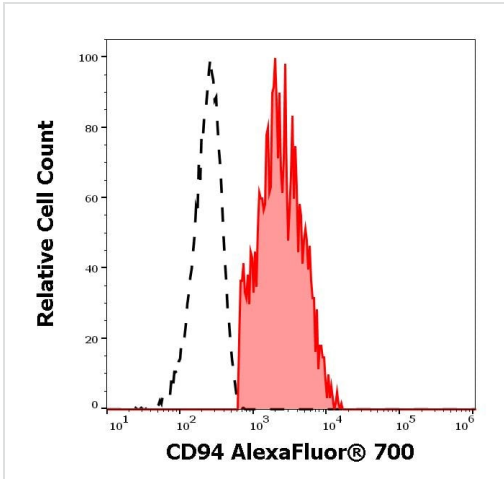
## Target

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<b>Function</b>	Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.
<b>Tissue specificity</b>	Natural killer cells.
<b>Sequence similarities</b>	Contains 1 C-type lectin domain.
<b>Cellular localization</b>	Membrane.

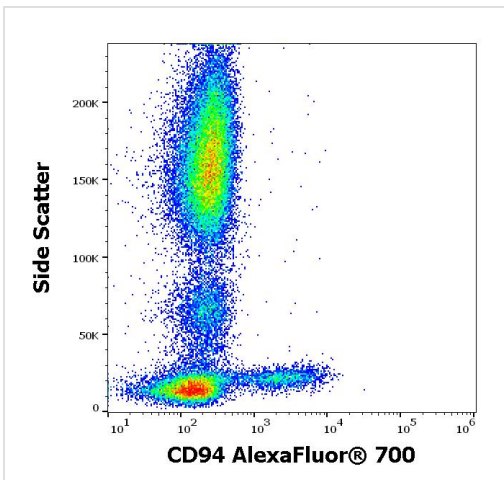
## Images

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Separation of lymphocytes (Red) from neutrophil granulocytes (dashed) in flow cytometric analysis labeling CD94 using ab272350. (4 µl reagent / 100 µl of peripheral whole blood).

Flow Cytometry - Alexa Fluor® 700 Anti-CD94 antibody [KLRD1] (ab272350)



Flow cytometric analysis of human peripheral whole blood labeling CD94 with ab272350 at 4µl reagent per million cells in 100 µl of cell suspension.

Flow Cytometry - Alexa Fluor® 700 Anti-CD94 antibody [KLRD1] (ab272350)

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

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