

# Anti-CD94 antibody [EPR23229-138] - BSA and Azide free ab270752

Recombinant RabMAb

3 Images

## Overview

Product name	Anti-CD94 antibody [EPR23229-138] - BSA and Azide free
Description	Rabbit monoclonal [EPR23229-138] to CD94 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> ICC/IF, Flow Cyt
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab270752 is the carrier-free version of <a href="#">ab245240</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR23229-138
<b>Isotype</b>	IgG

## Applications

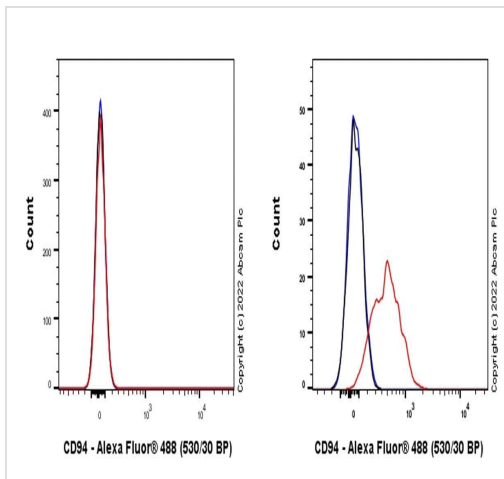
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab270752 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.

## Target

<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



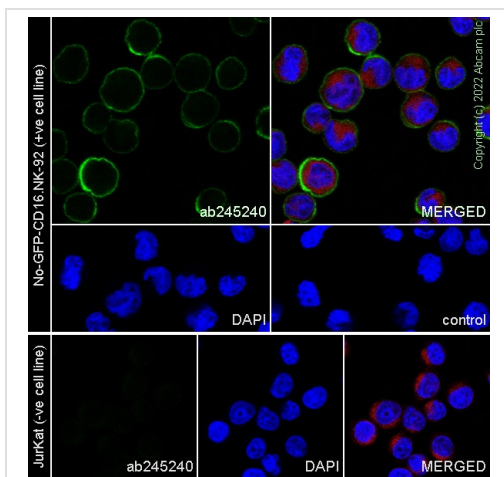
Flow Cytometry - Anti-CD94 antibody [EPR23229-138] - BSA and Azide free (ab270752)

Flow cytometric analysis of Jurkat (human T cell leukemia T lymphocyte) (Left) and No-GFP-CD16.NK-92 (human lymphoblast natural killer cells labelling CD94) (Right) with **ab254240** at 1/50 dilution (Red) compared with a Rabbit monoclonal IgG (**ab172730**) (Black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat anti rabbit IgG (Alexa Fluor® 488) (**ab150081**) at 1/2000 dilution was used as the secondary antibody.

**Negative control:** Jurkat (PMID: 9034158) □

Gated on viable cells.

This data was developed using **ab245240**, the same antibody clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-CD94 antibody [EPR23229-138] - BSA and Azide free (ab270752)

Immunofluorescent analysis of 4% Paraformaldehyde 0.1% TritonX-100 permeabilized No-GFP-CD16.NK-92 (human lymphoblast natural killer cells) labelling CD94 with **ab254240** at 1/100 dilution, followed by Alexa Fluor® 488 Goat anti-Rabbit secondary antibody (**ab150077**) at 1/1000 dilution (Green). Confocal image showing membranous staining in No-GFP-CD16.NK-92 cell line is observed. Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) (**ab195889**) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

**Negative control:** Jurkat (PMID: 9034158) □

**Secondary antibody only control:** Secondary antibody is Alexa Fluor® 488 Goat anti-Rabbit secondary antibody (**ab150077**) at 1/1000 dilution.

This data was developed using **ab245240**, the same antibody clone in a different buffer formulation.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

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

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