

# ABflo® 450 Rabbit anti-Human CD94 mAb

Catalog NO.: A26682 **1 Publications**

## Basic Information

### Observed MW

### Calculated MW

21kDa

### Category

Monoclonal Antibodies

### Applications

FC

### Cross-Reactivity

Human

### Conjugation

ABflo® 450. Ex:406nm. Em:445nm.

### Clone number

ARC60983

## Background

Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in 100 µl volume

## Immunogen Information

### Gene ID

3824

### Swiss Prot

Q13241

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

CD94

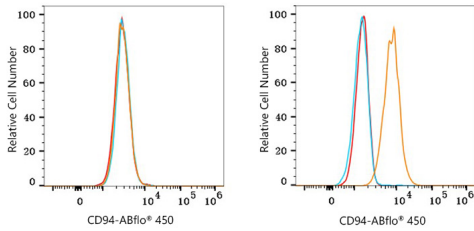
## Contact

## Product Information

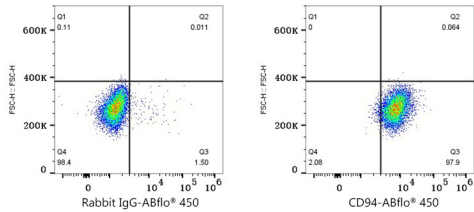
|   |  |                      |
|---|--|----------------------|
| ☒ |  | order@abclonal.com   |
| ☒ |  | service@abclonal.com |
| ☒ |  | www.abclonal.com     |

|                                                     |                |                       |
|-----------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                       | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                              | IgG            | Affinity purification |
| <b>Storage</b>                                      |                |                       |
| Store at 2-8°C. Avoid freeze.                       |                |                       |
| Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3. |                |                       |

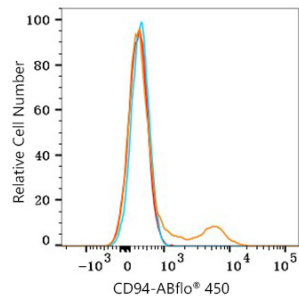
Validation Data



Flow cytometry: 1X10^6 HAP1 cells (negative control,left) and NK-92MI cells (right) were surface-stained with ABflo® 450 Rabbit anti-Human CD94 mAb (A26682,5 µl/Test,orange line) or ABflo® 450 Rabbit IgG isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



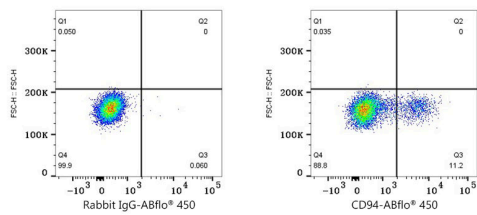
Flow cytometry: 1X10^6 NK-92MI cells were surface-stained with ABflo® 450 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 450 Rabbit anti-Human CD94 mAb (A26682,5 µl/Test,right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human CD94 mAb (A26682, 5  $\mu$ l/Test, orange line) or ABflo® 450 Rabbit IgG isotype control (5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the Lymphocytes gate were used for analysis.

# Validation Data

---



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 450 Rabbit IgG isotype control (5  $\mu$ l/Test, left) or ABflo® 450 Rabbit anti-Human CD94 mAb (A26682, 5  $\mu$ l/Test, right). Cells in the Lymphocytes gate were used for analysis.



