

PE Rabbit anti-Mouse CD94 mAb

Catalog No.: A26470

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC67768

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

CD94 is a 43/39 kD C-type lectin, also known as Kp43. It is present on all NK cells, NKT cells, and a subset of CD8-positive T lymphocytes in most mouse strains. CD94 is a type-II transmembrane protein with an extracellular lectin-like domain and a short cytoplasmic tail. CD94 is expressed as a disulphide-linked heterodimer with a NKG2 subunit believed to mediate signal transduction. When associated with NKG2A, the complex triggers inhibition; when associated with NKG2C, the complex triggers stimulation. The receptor complex of CD94 and NKG2 receptors bind to the ligand, Qa-1, and are thought to play a role in maintaining self-tolerance in developing NK cells.

Immunogen Information

Gene ID

16643

Swiss Prot

O54707

Immunogen

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

Synonyms

CD94

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

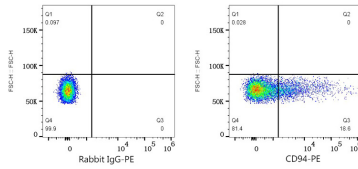
Affinity purification

Storage

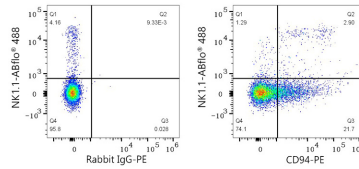
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with PE Rabbit IgG isotype control (A24172,5 $\mu\text{l}/\text{Test}$,left) or PE Rabbit anti-Mouse CD94 mAb (A26470,5 $\mu\text{l}/\text{Test}$,right).



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rabbit anti-Mouse CD161c/NK1.1 mAb (A24922,5 $\mu\text{l}/\text{Test}$) and PE Rabbit anti-Mouse CD94 mAb (A26470,5 $\mu\text{l}/\text{Test}$,right) or PE Rabbit IgG isotype control (A24172,5 $\mu\text{l}/\text{Test}$,left).