

PE/Cyanine7 Rabbit anti-Monkey/Human CD159a mAb

Catalog No.: A29250

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC82683

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Background

CD159a (also known as NKG2A, encoded by the KLRC1 gene) is an inhibitory receptor present on the surface of natural killer (NK) cells and some T cells. When it binds to the HLA-E molecule, it transmits inhibitory signals and regulates the activity of immune cells. Certain viruses (such as HIV and CMV) upregulate the expression of HLA-E to bind to CD159a and inhibit the function of NK cells. Blocking the NKG2A/HLA-E pathway can restore antiviral immunity.

Recommended Dilutions

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

Immunogen Information

Gene ID

Hu 3821/Cyno 102145514

Swiss Prot

Immunogen

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

Synonyms

nkg2A

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

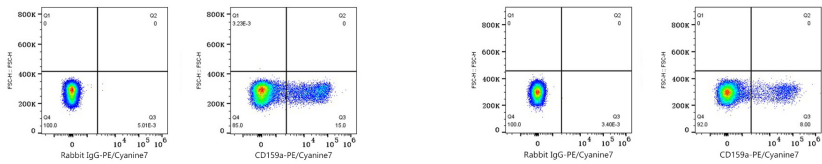
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ Cynomolgus PBMC were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Monkey/Human CD159a mAb (A29250,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

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