

PE Rabbit anti-Monkey/Human CD159a mAb

Catalog NO.: A28835

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human, Cynomolgus

Conjugation

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

Clone number

ARC82683

Background

CD159a (also known as NKG2A, encoded by the KLRC1 gene) is an inhibitory receptor on the surface of natural killer (NK) cells and some T cells. After binding to HLA-E molecules, it transmits inhibitory signals to regulate the activity of immune cells. Some 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 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Hu 3821 /Cyno 102121106

Swiss Prot

无

Immunogen

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

Synonyms

nkg2A

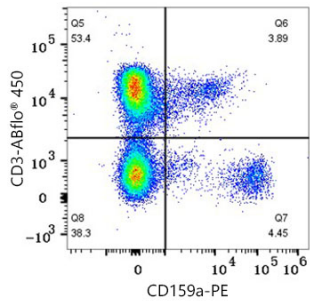
Contact

Product Information

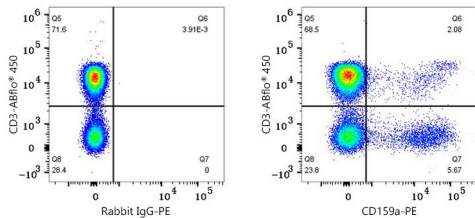
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and PE Rabbit anti-Monkey/Human CD159a mAb (A28835,5 µl/Test). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Monkey/Human CD159a mAb (A28835,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

