Leader in Biomolecular Solutions for Life Science

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PE Rabbit anti-FMC63 scFv mAb

Catalog No.: A29056

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Species independent

CloneNo number
ARC83113

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

Background

CD19 is an antigen protein expressed on the surface of various blood tumor cells, including B-cell lymphoma and leukemia cells, making it particularly suitable as a targeting site. Among these products, the single-chain antibody (scFv) within the CAR structure serves as the core component of the targeting system and plays a crucial role in enabling CAR-T cells to precisely eliminate tumor cells. FMC63, a murine monoclonal antibody targeting human CD19, has its scFv sequence widely used in multiple approved CAR-T therapies. The anti-idiotypic antibody Anti-FMC63 Antibody, which specifically binds to the FMC63 scFv, demonstrates low background noise, high specificity, and strong sensitivity, and is commonly employed for detecting CAR expression derived from the FMC63 scFv.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID

Swiss Prot

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

Synonyms

Contact

400-999-6126

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www.abclonal.com.cn

Product Information

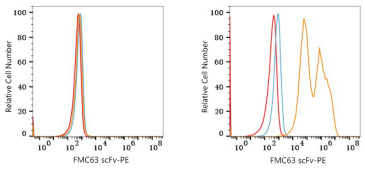
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T cells (transfected with scFv-based anti-CD19 CAR,right) were surface-stained with PE Rabbit anti-FMC63 scFv mAb (A29056,5 µl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

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