

ABflo® 488 Rabbit anti-Human CD3 mAb

Catalog No.: A29290

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC68273

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

CD3ε is a 20 kD subunit of the CD3/T-cell receptor (TCR) complex. This complex typically comprises two CD3ε chains, one CD3γ chain, one CD3δ chain, a CD3ζ (CD247) homodimer, and a T-cell receptor heterodimer. It is expressed on all mature T lymphocytes, NKT cells, and a subset of thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily and plays a critical role in antigen recognition, signal transduction, and T-cell activation.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

916

Swiss Prot

P07766

Immunogen

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

Synonyms

T3E; TCRe; IMD18; CD3epsilon

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

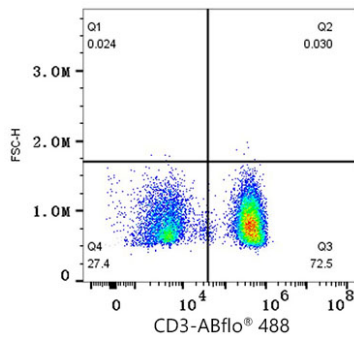
Affinity purification

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 Human peripheral blood lymphocytes were surface-stained with ABflo® 488 Rabbit anti-Human CD3 mAb (A29290, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.