

Manufacturer/Supplier:

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Product name: AF/LE Purified Anti-Human CD3 Monoclonal
Antibody

Catalog: DL20175F

Synonyms: T-cell surface glycoprotein CD3 epsilon
chain, CD3E, T-cell surface antigen T3/Leu-4 epsilon
chain, CD3e, CD3E, T3E

Background: CD3 ϵ is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3 ϵ , one CD3 γ , one CD3 δ , one CD3 ζ (CD247), and a T cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T lymphocytes, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.

Form: Liquid

Isotype: Mouse IgG2a, κ

Size: 50 μ g/500 μ g/1mg

Host: Mouse

Reactivity: Human

Application: Activ, Depletion,
Inhibition, FCM, IHC

Concentration: 0.5 mg/mL

Conjugation: None (Purified
antibody, Azide Free/Low
endotoxin)

SwissProt: P07766

Buffer: 0.2 μ m filtered in PBS, pH 7.2. Azide Free (AF)/Low
Endotoxin (LE): Contains no stabilizers or

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.5 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.