

Technical Data Sheet

PE Anti-Human CD3

Catalog Number: 106907, 106908

Size: 25 tests, 100 tests

Target Name: CD3, T3, CD3?

Regulatory Status: RUO

Product Details

Clone: Hit3a

Application: FC

Reactivity: Human

Format: PE

Isotype: Mouse IgG2a

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

Recommended Usage: For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

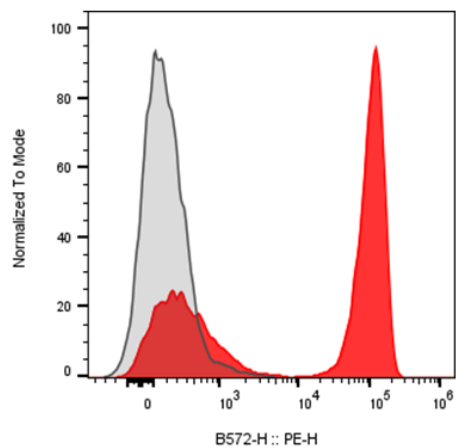
Excitation Laser: Blue Laser (488 nm), Green Laser (532 nm)/Yellow-Green Laser (561 nm)

Release Date: Dec-25

Background Information

CD3 (cluster of differentiation 3) is a protein complex and T cell co-receptor. CD3 ϵ is a 20 kD chain of the CD3/T-cell receptor (TCR) complex which is composed of two CD3 ϵ , one CD3 δ , one CD3 γ , 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.

Product Data



Human peripheral blood lymphocytes was stained with PE Anti-Human CD3 clone HIT3? (color-filled histogram) or an isotype control (gray histogram).