Anti-Human CD3 Antibody (SK7, Human IgG1 Fc Silent Kappa) | PA007971.h1Fs

Catalog No.: PA007971.h1Fs | **Product Name:** Recombinant Anti-human CD3 Monoclonal Antibody (Clone: SK7), Human IgG1 Fc Silent Kappa | **Fc-Silent / Recombinant Monoclonal Antibody**

Recombinant anti-human CD3 monoclonal antibody (Clone SK7), engineered for high-specificity flow cytometry and T cell surface staining. Variable regions are derived from the classic anti-human CD3 clone (SK7) and expressed in mammalian cells for high purity and batch-to-batch consistency.

PRODUCT SPECIFICATIONS

Catalog No.	PA007971.h1Fs
Product Name	Recombinant Anti-human CD3 Monoclonal Antibody (Clone: SK7), Human IgG1 Fc Silent Kappa
Supplier / Brand	Syd Labs, Inc. / Syd Labs
Clone	SK7
Isotype	Human IgG1 Fc Silent kappa
Source / Host	The anti-human CD3 monoclonal antibody (clone: SK7) was produced in mammalian cells.
Specificity/Sensitivity	The recombinant SK7 antibody specifically binds to human CD3.
Applications	Flow cytometry (FC), and Immunohistochemistry - Frozen (IHC-F).
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Conjugate	Non-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions.
Shipping	The SK7 antibody is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.
Note	Recombinant mouse IgG1 isotype controls and Recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

BACKGROUND & APPLICATION INFORMATION

Recombinant Human IgG1 Monoclonal Antibody with Fc silent mutation.

CD3 is a multi-protein complex composed of four distinct chains (CD3γ, CD3δ, CD3ε, and CD3ζ) that associate with the T cell receptor (TCR) to generate an activation signal in T lymphocytes. The SK7 clone is a widely used monoclonal antibody directed against the human CD3 epsilon chain, frequently utilized for T cell identification, immunophenotyping, and functional modulation in research and clinical flow cytometry workflows.

This recombinant anti-human CD3 monoclonal antibody (Clone: SK7) features an engineered Fc silent mutation on a Human IgG1 backbone, expressed in mammalian cells to ensure high batch-to-batch consistency and high purity for dependable experimental results without Fc-mediated effector functions.

Order & Contact Information

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Offline Order: With formal purchase order (PO) or credit card