Biotinylated Anti-human CD71 Antibody (OKT9, Human IgG1 Fc Silent Kappa) | PA007770.h1Fs-b

Catalog No.: PA007770.h1Fs-b | **Product Name:** Biotinylated Recombinant Anti-human CD71 Monoclonal Antibody (Clone: OKT9), Human IgG1 Fc Silent Kappa | **Biotin-Conjugated / Recombinant Monoclonal Antibody**

Recombinant human anti-human CD71 / Transferrin Receptor 1 (TfR1) monoclonal antibody (Clone OKT9, Cat. No. PA007770.h1Fs-b), engineered with a Human IgG1 Fc-Silent domain and conjugated with Biotin to minimize non-specific Fc receptor binding and background noise during flow cytometric analysis. Variable regions are derived from the classic OKT9 clone and produced in mammalian cell culture.

PRODUCT SPECIFICATIONS

Catalog No.	PA007770.h1Fs-b
Product Name	Biotinylated Recombinant Anti-human CD71 Monoclonal Antibody (Clone: OKT9), Human IgG1 Fc Silent Kappa
Supplier / Brand	Syd Labs, Inc. / Syd Labs
Clone	OKT9
Isotype	Human IgG1 Fc Silent Kappa
Source / Host	The site-directed biotinylated anti-human CD71 monoclonal antibody (clone: OKT9) was produced in mammalian cells.
Specificity/Sensitivity	The site-directed biotinylated recombinant OKT9 antibody specifically binds to human CD71.
Applications	Flow cytometry (FC) with various dye conjugation through streptavidin; conjugation to streptavidin agarose beads or streptavidin magnetic beads. (Cell Surface Staining, Immunophenotyping)
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Conjugate	Biotin-conjugated.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	The recombinant anti-human CD71 monoclonal antibody of clone OKT9 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 control 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

PA007770.h1Fs-b: Biotinylated Recombinant Anti-human CD71 Monoclonal Antibody (Clone: OKT9), Human IgG1 Fc Silent Kappa

Recombinant human IgG1 Monoclonal Antibody with site-directed biotinylation through the Avi tag at the C-terminus of the antibody heavy chain.

CD71 (Transferrin Receptor 1, TfR1) is involved in iron metabolism and cellular proliferation. Integrating site-directed biotinylation via the C-terminal Avi tag with an engineered Human IgG1 Fc-Silent domain eliminates non-specific Fc receptor interactions and ensures reliable, high-sensitivity detection in flow cytometry, cell surface staining, and magnetic separation protocols.

Order & Contact Information

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