

Mouse anti-Human CD8 Monoclonal Antibody

Mouse Anti-Human CD8-FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78753	Mouse	Human	Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD8; Monoclonal Antibody; Mouse Anti-Human CD8-FITC; Mouse Anti-Human CD8 - FITC; Mouse Anti-Human CD8; anti-CD8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	RFT-8
Specificity	Human CD8 CD8 is a 32 kDa transmembrane glycoprotein expressed as either a CD8 alpha alpha homodimer or CD8 alpha beta heterodimer. It is expressed on the "cytotoxic/suppressor" subpopulation of peripheral T cells. CD8 functions primarily as a coreceptor with MHC Class I-restricted TCR's in antigen recognition.1-2
Form/Format	Fluorescein (FITC) Conjugate
Applicable Applications for anti-CD8 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Characterization	To insure acceptable performance, each batch of product is tested by flow cytometry to conform to the characteristics of a standard reference reagent.
Preparation and Storage	The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2- 8 degree C. The fluorescein (FITC), Cyanine 5 (CY 5), Alexa Fluor 488 (AF488), and Alexa Fluor 647 (AF647) conjugates are supplied as 100 tests in 1.0 mL PBS/NaN3. Store at 2-8 degree C. The biotin (BIOT) conjugate is supplied as 100 tests in 1.0 mL PBS/NaN3. Store at 2-8 degree C. The R-phycoerythrin (R-PE) and allophycocyanin (APC) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8 degree C. Do not freeze! The Spectral Red (SPRD), R-phycoerythrin -Texas Red (R-PE-TXRD), R-phycoerythrin-Cyanine 7 (R-PE-CY 7), R-phycoerythrin-Cyanine 5.5 (R-PE-CY 5.5), Allophycocyanin-Cyanine 5.5 (APCCY 5.5), and Allophycocyanin-Cyanine 7 (APC-CY 7), conjugates are supplied as 100 tests in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8 degree C. Do not freeze! The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.1 mg purified immunoglobulin in 0.2 mL of PBS. Aliquot and store at or below -20 degree C. Protect conjugated forms from light. Aliquot and freeze the low endotoxin, azide-free product at -20 degree C immediately upon receipt. Each reagent is stable for the period shown on the bottle label if stored as directed.

ADDITIONAL INFORMATION

References	- Barclay, A.N., M.H. Brown, S.K.A. Law, A.J. McKnight, M.G. Tomlinson, and P.A. van der Merwe, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD8 Section, Academic Press, New York, p. 149. - Zamoyska, R. 1994. Immunity 1:243.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd8-antibody-clone-rft-8-immunohistochemistry-flow-cytometry-elisa/78753>