

PERFORMANCE DATA SHEET

1818

*Monoclonal anti-mouse CD8 alpha (Lyt 2)/FITC**

mAb name/Clone: 53-6.72

Isotype: Rat IgG2aκ

Immunogen: murine thymocytes/splenocytes

CATALOG#: 260-040

QUANTITY: 120 tests

VOLUME IN VIAL: 0.2ml

WORKING DILUTION: 1:50 (or use 1.6µl of concentrated stock per 5×10^5 -cell test)

INFORMATION: Antibody 53-6.72 binds to the alpha subunit of murine CD8 for all mouse strains tested. It is a useful tool for assessing murine CD8α containing recombinant proteins.

References: 1) Ledbetter, J.A., et al. (1979) Immunol. Rev. 47: 63-90.

STORAGE CONDITIONS: *Store at 2 - 5°C.* Freeze/Thawing is not recommended. Protect from light.

PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 5% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Protein G purified antibody from tissue culture supernatant was conjugated to R-Phycoerythrin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography. Antibody conjugate is at **0.5 mg/ml** with a Fluorescein/IgG molar ratio of 6.9.

PERFORMANCE: Product was tested as a 2^o staining reagent for use with CD8 alpha containing recombinant fusion proteins. Optimal signal was observed when 5×10^5 cells per tube were incubated 45 minutes on ice with 80µl of anti-mouse CD8 alpha/FITC at a dilution factor of **1:50** (10µg/ml). Cells were washed three times, fixed and analyzed by FACS.

**This Product is intended for Laboratory Research use only.*