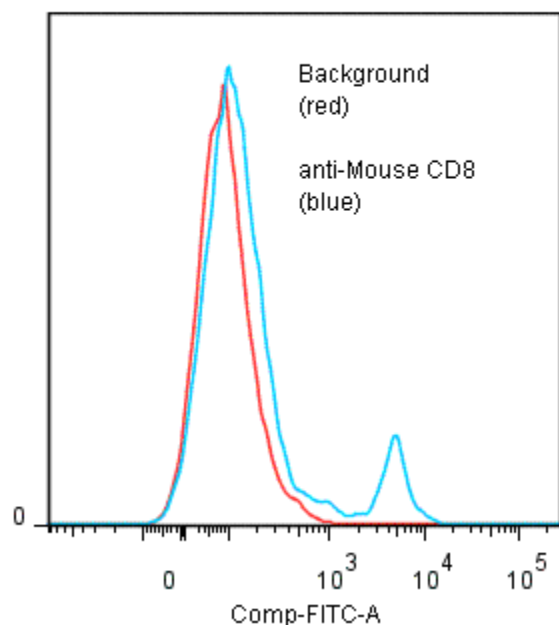


PERFORMANCE DATA SHEET

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Monoclonal anti-mouse CD8 alpha (Lyt 2)***mAb name/Clone:** 53-6.72**Isotype:** Rat IgG2ak**Immunogen:** murine thymocytes/splenocytes**CATALOG#:** 260-820 (Preservative-free)**QUANTITY:** 100 µg**CONCENTRATION:** 1.0 mg/ml**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 CD8 α 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. Open under aseptic conditions.**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.**PRODUCTION:** Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin. Product was 0.2 µm filtered and vialled under aseptic conditions.

PERFORMANCE: Reagent was tested for binding to ACK lysed murine splenocytes in FACS. Five x 10⁵ splenocytes per tube were washed and pre incubated with 20µl of 300µg/ml murine IgG (to reduce non specific binding) after which they were incubated 45 minutes on ice with 80 µl of anti-CD8 antibody diluted to 10 µg/ml. Cells were washed twice and incubated with 2^o reagent Goat anti-Rat IgG/FITC, after which they were washed three times, fixed and analyzed by FACS. An **8.8 % sub population** of the cells stained positive with a mean shift of **1.6 log₁₀** fluorescent units when compared to background..

Binding of anti- Mouse CD8 mAb + GAR/FITC to Balb-c splenocytes

* *Research Use Only. Not for use in Diagnostic procedures.*