



## PERFORMANCE DATA SHEET

2212

### *Monoclonal anti-mouse CD8 alpha (Lyt 2)\**

**mAb name/Clone:** 53-6.72

**Isotype:** Rat IgG2ak

**Immunogen:** murine thymocytes/splenocytes

**CATALOG#:** 260-020

**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 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.

**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, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

**PRODUCTION:** Antibody was Protein G purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE with less than 1% Bovine Immunoglobulin.

**PERFORMANCE:** Reagent was tested as a 2° staining reagent for use with CD8 alpha containing recombinant fusion proteins. Optimal signal was observed when  $5 \times 10^5$  cells per tube were incubated 45 minutes on ice with 80µl of anti-mouse CD8 alpha antibody at a concentration of **10 µg/ml**, after which they were washed twice and incubated with Goat anti-Rat IgG/FITC. Cells were then washed twice, fixed and analyzed by FACS.

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