PERFORMANCE DATA SHEET 3328 Monoclonal anti-human CD69(AIM)*



mAb name/Clone: **HP-4B3** *Isotype:* Mouse IgG2a *Immunogen:* IL-2 activated human NK cells

CATALOG#: 221-020 QUANTITY: 100 µg

CONCENTRATION: 1.0 mg/ml

INFORMATION: Human CD69 is expressed by platelets and mature thymocytes and appears rapidly after activation on T cells, B cells and NK cells. This pattern of cellular CD69 expression has suggested a lymphocyte activation role. Functional studies with antibodies to CD69 also support an activation role for CD69. Antibody HP-4B3 recognizes the dimeric CD69 molecule of 60 kd.

References: S.F. Ziegler, et al, Stem Cells (1994) **12**: 456-465. R. Testi, et al, Immunol Today (1994) **15**: 479-483. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 1123-1132. D. Vanhecke, et al, J Immunol (1995) **155**: 1862-1872.

STORAGE CONDITIONS: Store at 2 - 5^oC. 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:_____

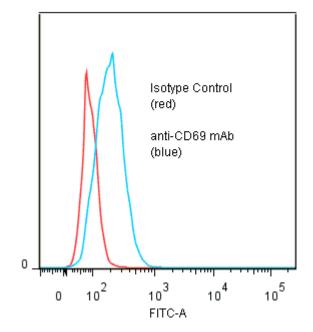
BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

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

PERFORMANCE: Five x 10^5 cultured **HEL** cells were washed and incubated 45 minutes on ice with 80 µl of anti-CD69 antibody at **10 µg/ml**. Cells were washed twice and incubated with 2^0 reagent Goat anti-Mouse IgG/FITC (Catalog #232-011), after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **0.40** log₁₀ fluorescent units when compared to a Mouse IgG2a negative control (Catalog #281-010).

*Research use only. Not for use in Diagnostic procedures.

Binding of anti-CD69 mAb +GAM/FITC to human HEL92 cells



Ancell Corporation P.O. Box 87 Bayport, MN 55003-0087 USA Phone: Toll free 800-374-9523 or 651-439-0835 Fax: 651-439-1940