PERFORMANCE DATA SHEET

3019

Monoclonal anti-human CD63/R-PE*



mAb name/Clone: AHN16.1/46-4-5

Isotype: Mouse IgG1

Immunogen: Human eosinophils

CATALOG#: 215-050
QUANTITY: 120 tests
VOLUME IN VIAL: 0.2 ml
WORKING DILUTION: 1:50 (or use 1.6µl of concentrated stock per 5 x 10⁵-cell test)

INFORMATION: Human CD63 is expressed on activated platelets and also on monocytes and macrophages. CD63 contains four hydrophobic transmembrane regions and is a member of the tetraspan family. CD63 appears to be involved with cell adhesion and associates with VLA-3 and VLA-6 integrins. Antibody 46-4-5 recognizes the CD63 molecule of about 50 kd.

References: F. Berditchevski, et al, (1995) J Biol Chem 270: 17784-17790. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 1352-1364.

STORAGE CONDITIONS: *Store at 2 - 5°C*. **Do not freeze!** Protect from light.

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

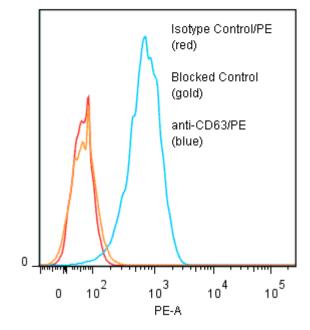
BUFFER: 50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% NaN₃ (as a preservative).

PRODUCTION: Protein A 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**.

PERFORMANCE: Five x 10^5 cultured **HPB-MLT** human tumor cells were washed and incubated 45 minutes on ice with 80μ l of anti-CD63/R-PE at a **1:50** dilution (10μ g/ml). Cells were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of **1.2** \log_{10} fluorescent units when compared to a Mouse IgG1/R-PE negative control (Catalog #278-050). Binding was blocked when cells were pre incubated 10 minutes with 20 μ l of 0.5 mg/ml anti-CD63 antibody (Catalog #215-020).

 ${\it *Research\ Use\ Only.\ Not\ for\ use\ in\ Diagnostic\ procedures.}$

Binding of anti-CD63/PE to human HPB-MLT 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