



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134

USA

Telephone: 901-382-8716

Fax: 901-333-8223

Email: info@meridianlifescience.com

www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

Catalog #: P01255M **Lot #:** 2F16202

Description: MAb to Mouse CD45 (LCA)
Monoclonal Antibody to Mouse CD45

Specificity: Anti-Mouse CD45 recognizes the (Mr 200 kD) leukocyte common antigen. The CD45 is present on all cells of hematopoietic origin, but not erythrocytes.

Clone: 13/2.3

Host Animal: Rat **Isotype:** IgG_{2b}

Source: Tissue Culture

Format: Purified, Liquid **Exp. Date:** Not Assigned

Purification: Protein G Chromatography

Concentration: 0.5 mg/mL (OD280nm)

Buffer: 0.01 M PBS, pH 7.4 containing 1.0% BSA.

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in Flow Cytometry, Immunoprecipitation and Immunohistochemistry of frozen tissue sections. We recommend using 1 µg to stain 1.0 x 10⁶ cells in Flow Cytometric applications. Each laboratory should determine its own working dilution for individual use. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short term (up to one month) store at 2-8°C. Long term, aliquot and store below -20°C. Avoid multiple freeze/thaw cycles.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References: The references listed below are for research purposes only:
1. Ledbetter, J., et al., (1979), *Immunol. Rev.*, **47**:63.
2. Springer, T., et al., (1979), *Eur. J. Immunol.*, **8**:539.

Signature

24 October 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY