

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## LFA-3 Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 42010 (BRIC 5)

**Size:** 100 ug Protein G-purified antibody in phosphate-buffered saline, pH 7.4.

### SPECIFICATION SUMMARY

**Antigen:** CD58-positive cells.

**Host Species:** Mouse

**Antibody Class:** IgG2a

**Stabilizers:** None

**Preservatives:** 0.1% sodium azide

### SPECIFICITY

This antibody recognizes CD58-positive cells. CD58 is also known as Leukocyte Function-Associated Antigen 3 (LFA-3). LFA-3 is a type 1 transmembrane glycoprotein and a member of the immunoglobulin superfamily of cell surface receptors. It is expressed on most hematopoietic cells and on non-hematopoietic cells such as fibroblasts, endothelial and epithelial cells. Its expression is particularly high on memory T-cells and dendritic cells. LFA-3 expression on antigen-presenting cells and target cells enhances T-cells antigen recognition through binding to its ligand, LFA-2/CD2, on T-cells.

### APPLICATIONS

*Flow cytometry:* use at 0.5-1 ug/10<sup>6</sup> cells.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*