

Mouse Anti Human CD44 PE

PRODUCT INFORMATION

CLONE: HI44a
ISOTYPE: Mouse IgG2a
CATALOG#: A6683/A6693
CONTENTS: R-PE conjugated antibody buffered in 10mM PBS (pH 7.0) with 0.05% NaN₃ and 1% BSA.

DESCRIPTION

CD44 McAb recognizes 80-90KD type I transmembrane highly glycosylated cell surface protein, also called phagocytic glycoprotein-1 (Pgp-1), which is the receptor for hyaluronic acid. CD44 antigen is widely expressed on most cell types including leukocytes, erythrocytes, endothelial cells and epithelial cells, but not on platelets. CD44 is involved in leukocyte attaching to and rolling on endothelial cells, homing to peripheral lymphoid organs and to sites of inflammation, and leukocyte aggregation.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography and is conjugated with R-PE under optimum conditions.

USAGE

The R-PE conjugation is tested for flow cytometric analysis using 20 μ l/10⁶ cells or 100 μ l peripheral blood cells.

STORAGE

Store at 4°C, should not be frozen and avoid prolonged exposure to light.

Use For Research Only