

**Catalog#**      **CD44UL-100**    **size**    **100 ug**

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**Mouse Anti-Human CD44**

**PRODUCT INFORMATION**

**CLONE:**                    HI44a  
**ISOTYPE:**                Mouse IgG2a  
**Product Forms:**        Purified, FITC conjugation.  
**SIZE:**                    25 Tests

**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.

**USAGE**

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis and is tested for immunohistochemical staining of acetone-fixed frozen sections. The conjugated reagent (FITC) is tested for flow cytometric analysis using 20µl/10<sup>6</sup> cells or 100µl peripheral blood cells.

**STORAGE**

For purified forms, long term storage at -20°C.

For conjugated forms, storage at 4°C, should not be frozen and avoid prolonged exposure to light.