

CD44, lymphocyte homing receptor, H-CAM, clone NKI-P2 Monoclonal Antibody

Catalog No.: MON1150

Quantity: 1 ml

Specificity

The antibody reacts with a 90 kD glycoprotein, the human antigen CD44, and also designated pgp-1. The CD44 antigen is widely expressed by hematopoietic cells including T-lymphocytes, myeloid cells, macrophages, dendritic cells, red blood cells and brain, epithelial cell lines. The CD44 molecule is considered to be the lymphocyte homing receptor, H-CAM. The antibody blocks adhesion of lymphocytes to high endothelial venules.

Immunoglobulin type

Murine IgG₁

Use

The antibody is useful for detection of the human CD44 molecule.
Not to be used in inhibition studies.

Instructions for use

The antibody is useful for immunofluorescence tests on cells in suspension and immunohistochemistry on frozen sections and paraffin sections. The working dilution on paraffin and frozen sections is 1:200.

Presentation

1 ml antibody solution with 0.1% sodium azide. Sufficient for staining of 100 cell preparations for immunofluorescence.

Literature

- Pals, S.T., et al., 1989, Blood, 73, 885.
- Pals, S.T., et al., 1989, J. of Immunol. 143, 851.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.



Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com