Docket #: S83-075

LSRE-1 Hybridoma - MEL-14 - ATCC# HB-132

This antibody(MEL-14) is specific for a single class of lymphocyte surface molecules that appear to mediate recognition of lymph node high endothelial venules and that appear to be required for lymphocyte homing to lymph nodes in vivo.

Reference: Journal of Cellular Biochemistry 30:121-131 (1986)

Rat IgG antibodies against epitopes 1 and 2 of HCAM (CD44) cell adhesion molecule. Involved in Lymphocyte interactions with high endothelial venules during lymphocyte homing and serves as an hylouronate-binding molecule thought to be involved in migration of leukocytes through tissue spaces.

Clone: Hermes-1, Hermes-2

Specificity: Epitopes 1 and 2 of HCAM (CD44) cell adhesion molecule.

Antigen Distribution: HCAM (CD44), a widespread cell adhesion molecule related to cartilage link protein and proteoglycan core proteins. Expressed on the surface of a wide variety of cells. Participates in cell-cell and cell-substrate interactions in the lyphoid, nervous and other systems.

Publications

- Journal of Biochemistry 30:121-131 (1986).
- Immunological Reviews, 1986. No. 91. pp. 39-60.
- The Journal of Cell Biology, Vol. 105, August 1987, pp. 983-990.
- Journal of Experimental Medicine, Vol. 166, October 1987, pp. 1125-1131.
- Jalkanen, Sirpa T. et al. A Lymphoid Cell Surface Glycoprotein Involved in Endothelial Cell Recognition and Lymphcyte Homing in Man. Human Lymphocyte Receptors for HEV. (From the Department of Pathology, Stanford

University Medical Center, Stanford, CA)

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