

SELE / CD62E / E-selectin Rat Monoclonal (FITC) (4D10) Antibody - LS-C96263 - LSBio

CatalogID:	LS-C96263
Target:	selectin E
Synonyms:	SELE Antibody, CD62E Antibody, ELAM Antibody, ESEL Antibody, E-selectin Antibody, LECAM2 Antibody, CD62E antigen Antibody, ELAM-1 Antibody, ELAM1 Antibody, Selectin E Antibody
Host	SELE antibody was produced in Rat
Clonality:	Monoclonal
Clone Name:	4D10
Conjugations:	Fluorescein (FITC)
Immunogen:	SELE / CD62E / E-selectin antibody was raised against IPS-stimulated human endothelial cells
Specificity:	The antigen is CD62E, the epitope has not been characterized. Antigen distribution: Isolated cells: Positive on LPS, TNF α , IL-1, or TPA stimulated endothelial cells (HUVECs) in tissue culture. No cross reactivity with other cell types known. Tissue sections: Strongly positive on human endothelial cells in acutely inflamed tissues such as atopic dermatitis or contact dermatitis 24h after sensitization; in the healthy spleen and lymph node. Few single cells express the 4D10 antigen. The antigen is generally absent in chronically inflamed tissues. Biochemistry: The antigen is a 589 amino acid transmembrane protein. It consists of a C-type lectin-like domain, an epidermal growth factor (EGF)-like domain, six short consensus repeat (SCR) domains, a transmembrane domain and a cytoplasmic tail. CD62E is a counter-receptor for sialyl Lewis X, sialyl Lewis a and CLA (cutaneous lymphocyte antigen). It is involved in adhesion between myeloid cells and activated endothelium, and supports leucocytes rolling. Some skin-associated memory T cells express CLA, and it may be that CD62E is also involved in their homing to cutaneous sites of chronic inflammation. In addition, CD62E may also be involved in tumour metastasis. A soluble form of CD62E has been reported to mediate angiogenesis in pathological disorders. Specificity: Human: CD62E. Other: Not tested.
Reactivity:	Human
Purification:	Affinity purified
Presentation:	PBS pH 7.2, 10mg/ml BSA, 0.1% sodium azide
Recommended Storage:	Store at 4°C.
Uses:	Undetermined
Size:	500 μ g
Requested From:	Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 10/2/2014

© 2014 LifeSpan BioSciences