CD11c Recombinant Antibody [SI19-06] - Rat IgG1 (Chimeric) - BSA and Azide free

HA610258

Product Type:	Recombinant Chimeric Antibody, primary antibodies
Applications:	
Molecular Wt:	Predicted band size: 128 kDa
Clone number:	SI19-06

Description: Integrin αX (CD11C, leukocyte surface antigen p150,95, CR4, Axb2) is a type 1 transmembrane protein that traditionally combines with β2 chain to form a leukocyte-specific integrin known as inactivated-C3b (iC3b) receptor 4 (CR4). Integrin αX/β2 shares similar properties of the αM/β2 integrin in mediating adherence of neutrophils and monocytes to stimulated endothelial cells, and in phagocytosis of complement coated particles. Abnormal expression of Integrin αX is characteristic of hairy cell leukemia (HCL) and is dependent upon activation of proto-oncogenes Ras and JunD. Proteins and DNA elements that influence transcription of Integrin αX include Sp1 and Sp1-like factors, AP-1 family, C/EBP, Oct-2 and PU.1. Integrin αX is present on monocyte derivative dendritic cells (DCs), macrophages and NK cells. Upon activation, DCs present in skin (Langerhans cells), lining of nose, lung, stomach, intestine and blood can migrate to lymphoid tissues and interact with T and B cells to initiate and shape the immune response.

Immunogen:	Synthetic peptide within Human CD11c aa 1,114-1,163 / 1,163 (Cytoplasmic).
Positive control:	Human Hodgkin's lymphoma tissue, human spleen tissue, human lymph nodes tissue, human colon cancer tissue, human liver tissue, human cervical cancer, human tonsil.
Subcellular location:	Membrane.
Database links:	SwissProt: P20702 Human
Storage Buffer:	1*PBS (pH7.4).
Storage Instruction:	Store at 2-8℃. Avoid freeze.
Purity:	Protein A affinity purified.

No Images

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Morandi F et al. IL-27 in human secondary lymphoid organs attracts myeloid dendritic cells and impairs HLA class I-restricted antigen presentation. J Immunol 192:2634-42 (2014).
2. Svensson MN et al. Fms-like tyrosine kinase 3 ligand controls formation of regulatory T cells in autoimmune arthritis. PLoS One 8:e54884 (2013).