Mouse anti-CD11c, clone EBS-CD-011 (Monoclonal)

Clone no. EBS-CD-011

MONOSAN

Product name	Mouse anti-CD11c, clone EBS-CD-011 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	human macrophages
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	EBS-CD-011
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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 Integrin αM/β2 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. Integrin αx is present on dendritic cells, 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.

References

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3. Zhou JQ, et al. Blood 82:800-6 (1993)
4. Nicolaou, F., et al. Blood 101: 4033-4041 (2003)
5. Edwards, A.D. et al. J. Immunol. 171: 47-60 (2003)