

Mouse anti-CD11b/CR3, clone BEAR-1, FITC (Monoclonal)

Clone no. BEAR-1

MONOSAN

---

Product name	Mouse anti-CD11b/CR3, clone BEAR-1, FITC (Monoclonal)
Host	Mouse
Applications	IHC-fr,FC
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	BEAR-1
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-CD11b/CR3, clone BEAR-1, FITC (Monoclonal)

Clone no. BEAR-1

MONOSAN

**Additional info**

CD11b is an alpha chain integrin that is expressed as heterodimer noncovalently associated with CD18. CD11b is also designated as CR3, Mac-1, Mo-1 in integrin alphaM subunit and has a molecular weight of 165-170 kDa. The protein mediates PMN and monocytes adherence to endothelium and subsequently PMN extravasation to sites of inflammation. CD11b/CD18 interacts with both matrix and cell surface proteins including the complement component iC3b, extracellular matrix proteins and the third extracellular domain of CD54. CD11b is expressed on human NK-cells, monocytes, granulocytes, T-cells, B-cells and dendritic cells. After activation the expression is upregulated. Bear-1 reacts with the CD11b alpha chain of the CD11b/CD18 (p165, 95) integrin heterodimer complex.

**References**

1. Keizer; G et al. Eur J Immunol 1985; 15: 1142
2. Watanabe, A et al Int Arch Allergy Immunol 1992, 98: 308
3. -
4. -
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES