

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

Clone no. BEAR-1

MONOSAN

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| Product name | Mouse anti-CD11b/CR3, clone BEAR-1 (Monoclonal) |
| Host | Mouse |
| Applications | IHC-fr,FC,IP |
| 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

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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. -

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