

Mouse anti-CD100, clone EBS-CD-045 (Monoclonal)

Clone no. EBS-CD-045

MONOSAN

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|---------------------------|---|
| Product name              | Mouse anti-CD100, clone EBS-CD-045 (Monoclonal) |
| Host                      | Mouse   |
| Applications              | FC, IHC-fr, IF                                  |
| Species reactivity        | cynomolgus monkey, human, mouse, rhesus monkey  |
| Conjugate                 | -   |
| Immunogen                 | PHA stimulated PBL                              |
| Isotype                   | IgG1-K  |
| Clonality                 | Monoclonal                                      |
| Clone number              | EBS-CD-045                                      |
| 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**

EBS-CD-045 reacts with human CD100, a 150 kDa homodimer cell-surface antigen that is expressed on resting and PHA-stimulated T-cells. It is absent from bone marrow, erythrocytes, eosinophils and endothelial cells. The protein is weakly expressed on NK-cells, EBV transformed B-cells, monocytes and tumor T-cell lines. It plays a role in homotypic cell adhesion and in T-cell activation.

**References**

1. Hall K, et al. P. Natl. Acad. Sci. USA 93: 11780 (1996)
2. Mizrahi S, et al. PLoS One. 2(9): e818 (2007).
3. Yoshino N, et al.. Exp. Anim. (Tokyo) 49: 97 (2000)
4. Bougeret CIG et al, J. Immunol. 148: 318 (1992)
5. -

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