



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse anti-CD25/IL2RA, clone EBS-CD-017 (Monoclonal)

Clone no. EBS-CD-

MONOSAN

| | |
|---------------------------|--|
| Product name | Mouse anti-CD25/IL2RA, clone EBS-CD-017 (Monoclonal) |
| Host | Mouse |
| Applications | ELISA, FC, IHC-fr |
| Species reactivity | human |
| Conjugate | - |
| Immunogen | human PBMCs |
| Isotype | IgG2a-K |
| Clonality | Monoclonal |
| Clone number | EBS-CD-017 |
| 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-017 reacts with CD25 (55 kDa) which associates as alpha chain with CD122 and the common gamma chain (CD132) to form the high-affinity IL-2 receptor complex. With respect to lymphomas, CD25 is present on malignant cells of Hodgkin's disease, HTLV-1+ adult T-cell leukemia, cutaneous T-cell lymphoma, and hairy cell leukemia. Increased levels of soluble CD25 are observed in leukemias/lymphomas and inflammatory/ autoimmune diseases. CD25 alone appears to function as a low affinity receptor and associates with CD122 (IL-2R chain, p75) and CD132 (common chain) to form the high affinity IL-2 receptor complex. CD25 antibodies detect three epitope regions, A, B and C. EBS-CD-017 recognizes B epitope, which is located at residue 3-104 of CD25 and does not block IL-2 binding to CD25. CD25 antibodies have been used successfully as a carrier for cytotoxic drugs enabling specific delivery to IL-2RA displaying target cells.

References

1. Yamamura T. et al, Eur J Surg 168(1): 49-54 (2002)
2. Lundin K. et al, Anal Biochem 299(1): 92-7 (2001)
3. Raivio E. et al, APMIS 105(2): 108-14 (1997)
4. Boutin B. et al, Neuropediatrics 20(4): 202-6 (1989)
5. -

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