

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

Clone no. EBS-CD-017

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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