

Mouse anti-CD6, clone EBS-CD-005 (Monoclonal)

Clone no. EBS-CD-005

MONOSAN

Product name	Mouse anti-CD6, clone EBS-CD-005 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human, mouse
Conjugate	-
Immunogen	human CD8+ human CTL clone
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	EBS-CD-005
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-005 recognizes the CD6 molecule, a single chain transmembrane glycoprotein of 120 kDa, which is expressed on the majority of mature T-cells and mature thymocytes. A B-cell subset is weakly positive and B-CLL's may also be reactive. CD6 is a type 1 transmembrane glycoprotein that is tyrosine phosphorylated during TCR-mediated T-cell activation. CD6 shows significant homology to CD5. Antibodies to CD6 are used to deplete T-cells from bone marrow transplants to prevent graft versus host disease.

References

1. Yssel et al., Cell. Immunol. 105: 161 (1987)
2. Kamoun et al., J. Immunol. 127: 987 (1981)
3. Reinherz et al., Proc. Nat. Acad. Sci. 79: 6047 (1982)
4. -
5. -

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