

Mouse anti-CD8a, clone EBS-CD-009 (Monoclonal)

Clone no. EBS-CD-009

MONOSAN

Product name	Mouse anti-CD8a, clone EBS-CD-009 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	human PBL
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	EBS-CD-009
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-009 recognizes a protein of 32 kDa, identified as CD8a. The CD8 molecule consists of α and β chain, which are disulphide-linked into heterodimers or homodimers. CD8 is expressed on a T-cell subset (cytotoxic/suppressor T-cells), thymocytes and NK-cells. The majority of CD8+ T-cells express CD8 as heterodimer. Some subpopulation of CD8+ T-cells as well as NK-cells may express homodimer. CD8 functions as a co-receptor in concert with TCR for binding the MHC class I/peptide complex. HIV-2 envelope glycoprotein binds CD8 α -chain but not β -chain.

References

1. Knapp W. et. al. Leukocyte Typing IV, p342-343, (1989)
2. Parnes JR, Semin Immunol 6: 221-229 (1994)
3. Delon J. et al. Immunity 9(4): 467-73 (1998)
4. Akimoto H, et al. Immunology 95(2): 214-218 (1998)
5. Leahy DJ. Transplantation 45(4): 677-682 (1998)

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