

Mouse anti-CD8a, clone 143-44 (Monoclonal)

Clone no. 143-44

MONOSAN

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Product name Mouse anti-CD8a, clone 143-44 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IHC-P, IF

Species reactivity human

Conjugate -

Immunogen human PBL

Isotype IgG1-K

Clonality Monoclonal

Clone number 143-44

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**

143-44 recognizes a protein of 32 kDa, identified as CD8a. The CD8 molecule consists of  $\alpha$  and  $\beta$ -chains, 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. The HIV-2 envelope glycoprotein binds CD8  $\alpha$ -chain but not  $\beta$ -chain. 124-1D1 was assigned at the IVth International Workshop.

**References**

1. Knapp, W. et. al. Leucocyte Typing IV, p1076, Oxford Univ. Press (1989)
2. -
3. -
4. -
5. -

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