

Product datasheet MON9968



Mouse anti-CD8b, clone EBS-CD-007 (Monoclonal)

Clone no. EBS-CD-

MONOSAN

Product name Mouse anti-CD8b, clone EBS-CD-007 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IF

Species reactivity human

Conjugate -

Immunogen human PBL

Isotype IgG1-K

Clonality Monoclonal

Clone number EBS-CD-007

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

Mouse anti-CD8b, clone EBS-CD-007 (Monoclonal)

Clone no. EBS-CD-007

MONOSAN

Additional info

EBS-CD-007 recognized a protein of 32 kDa, identified as CD8b. The CD8 molecule consists of α and β 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. HIV-2 envelope glycoprotein binds CD8 α chain but not β chain.

References

1. Knapp W. et. al. Leukocyte Typing IV, p342-343, Oxford University Press, 1989
2. Parnes JR, Semin Immunol 6: 221-229 (1994)
3. Hadi Hossein Nataj Arab et al., Gastroenterol Hepatol Bed Bench. 8(2): 132-133
4. -
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES