

Product datasheet      MON1110F

**MONOSAN**<sup>®</sup>

Mouse anti-CD18, clone CLB-LFA-1/1, FITC (Monoclonal)

Clone no.      CLB-LFA-1/1

MONOSAN

---

Product name      Mouse anti-CD18, clone CLB-LFA-1/1, FITC (Monoclonal)

Host      Mouse

Applications      FC

Species reactivity      Human

Conjugate      FITC

Immunogen      Human CD18

Isotype      -

Clonality      Monoclonal

Clone number      CLB-LFA-1/1

Size      0.5 ml

Concentration      n/a

Format      -

Storage buffer      PBS with BSA and 0.1% sodium azide

Storage until expiry date      2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

---

[www.monosan.com](http://www.monosan.com)

FOR-044 22-12-2021

Revision date  
22-12-2021

Mouse anti-CD18, clone CLB-LFA-1/1, FITC (Monoclonal)

Clone no. CLB-LFA-1/1

MONOSAN

**Additional info**

CD18 integrin beta 2 subunit is a 90 kDa type I transmembrane protein expressed on all leucocytes. CD18 can combine with integrin molecules CD11a-c to form heterodimers at the cell surface, and these heterodimers are known to participate in the process of cell adhesion as well as cell-surface mediated signaling. CD18 forms heterodimers with four types of CD11 molecule to constitute leukocyte (beta2) integrins: alphaLbeta2 (CD11a/CD18, LFA-1), alphaMbeta2 (CD11b/CD18, Mac-1, CR3), alphaXbeta2 (CD11c/CD18) and alphaDbeta2 (CD11d/CD18). In most cases, the response mediated by the integrin is a composite of the functions of its individual subunits, and these integrins are essential for proper leukocyte migration, mediating intercellular contacts.

**References**

1. Hajishengallis G et al. Clin.Diagn Lab.Immunol 2002
2. -
3. -
4. -
5. -

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES**