

## Mouse anti-CD11a, clone 87-6F9 (Monoclonal)

Clone no. 87-6F9

MONOSAN

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Product name Mouse anti-CD11a, clone 87-6F9 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, FUNC, IF, WB

Species reactivity human

Conjugate -

Immunogen stimulated human leucocytes

Isotype IgG2b

Clonality Monoclonal

Clone number 87-6F9

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**

87-6F9 Reacts with CD11a, a transmembrane molecule with 1145 amino acid residues and a MW of 180 kDa. CD11a is expressed on lymphocytes, granulocytes, monocytes and macrophages. Levels on memory T-cells tend to increase. CD11a plays a key role in mediating leukocyte adhesion to endothelium during inflammatory response through binding to ICAM 1 (CD54). Other ligands are ICAM-2 and ICAM-3. It is also involved in many other T-cell functions and immune phenomena. When paired with CD18, it forms the integrin alphaLbeta2 adhesion. 87-6F9 Potently blocks LFA-1 dependent homotypic cell aggregation and was typed in the IVth International Leucocyte Typing Workshop

**References**

1. Knapp et al. (Eds.), Leukocyte Typing IV, 1989 : sections N1 (pp. 543.551)
2. Petruzzelli L et al. J Immunol 155(2): 854-866 (1995)
3. Edwards CP et al. J Biol Chem 273(44): 28937-44 (1998)
4. Shang XZ et al., Eur J Immunol 28(6): 1970-1979 (1998)
5. Tian L et al. J Immunol 158(2): 928-936 (1997)

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