

Product datasheet MON9955

**MONOSAN**<sup>®</sup>

Mouse anti-CD61, clone EBS-CD-034 (Monoclonal)

Clone no. EBS-CD-034

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Product name	Mouse anti-CD61, clone EBS-CD-034 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	stimulated human PBMC's
Isotype	IgM-K
Clonality	Monoclonal
Clone number	EBS-CD-034
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-034 reacts with a complex of CD41 and CD61, i.e. alpha IIb integrin and the integrin beta chain. The MW of the GPIIIa is 105 kDa unreduced and 90 kDa reduced. The integrin beta 3 chain can also form a complex called the vitronectin receptor with integrin alpha V: the CD51/CD61 complex. Ligands are fibrinogen, fibronectin, von Willebrand factor, vitronectin and thrombospondin. Residues 237-248 of GPIIIa or CD61 are critical in adhesive protein binding. The CD51/CD61 complex is also found on endothelial cells, some B-cells, monocytes/macrophages and tumor cells.

**References**

1. Burns et al., Cell 45, 269-280 (1986)
2. McMichael AJ et al. (eds) Leukocyte Typing III, Oxford University Press, Oxford, 1986
3. Schlossman S. et al. (eds) Leukocyte Typing V, Oxford University Press (1995)
4. -
5. -

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