

Mouse anti-Human CD49b, clone 16B4 (Monoclonal)

Clone no. 16B4

MONOSAN

Product name	Mouse anti-Human CD49b, clone 16B4 (Monoclonal)
Host	Mouse
Applications	IHC-fr, ELISA, FC, IF, IP, IHC-P, WB
Species reactivity	human
Conjugate	-
Immunogen	Purified human beta 1 preparation from HT1080 fibrosarcoma cell extract
Isotype	IgG1
Clonality	Monoclonal
Clone number	16B4
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human CD49b antibody, clone 16B4 recognizes human CD49b, also known as integrin α 2, collagen receptor, Platelet membrane glycoprotein Ia or VLA-2 subunit alpha. CD49b is a 1181 amino acid ~160 kDa single pass type-1 transmembrane glycoprotein possessing multiple FG-GAP repeats and a single VWFA domain. Mouse anti human CD49b antibody, clone 16B4 is identified as capable of immunoprecipitating a non-reducible alpha subunit from I125 surface labeled human cell line extract. It is confirmed as specific to the alpha 2 subunit by relative expression of antigen on various cell lines by FACS, and its recognition of affinity purified alpha 2 beta 1 in dot blots

References

1. Fitter S et al. Biochem J 1999; 338: 61-70
2. Sinock PM et al. J Cell Sci 1999; 112: 833-44
3. Eaton CL et al. Prostate 2010; 70: 875-82
4. Rintanen N et al. Mol Biol Cell 2012; 23: 448-463
5. Poulter NS et al. J Thromb Haemost 2017; 15: 549-564

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