

Mouse anti-Hu CD51/CD61 Purified, clone 23C6 (Monoclonal)

Clone no. 23C6

MONOSAN

Product name	Mouse anti-Hu CD51/CD61 Purified, clone 23C6 (Monoclonal)
Host	Mouse
Applications	IP, IHC-Fr, FC
Species reactivity	Human, Chicken
Conjugate	-
Immunogen	A cell suspension containing osteoclasts from osteoclastomas
Isotype	IgG1
Clonality	Monoclonal
Clone number	23C6
Size	0.1 mg
Concentration	1 mg/ml
Format	Purified by protein-A affinity chromatography.
Storage buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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

CD51/CD61 (integrin alpha5beta3), also known as osteoclast functional antigen, serves as a vitronectin receptor, and binds also to fibronectin, fibrinogen, thrombospondin, osteopontin, collagen, and von Willebrand factor. Expression of this antigen increases with melanoma progression. In healthy individuals CD51/CD61 is expressed mainly on osteoclasts, placenta, and endothelial cells, at lower levels on platelets and macrophages. Specificity The antibody HI186 reacts with CD52 (CAMPATH-1), a 21-28 kDa extracellular glycoprotein containing a large N-linked carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 kDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract. Application details Flow cytometry: Recommended dilution: 2-6 µg/ml

References

- 1. -
- 2. -
- 3. -
- 4. -
- 5. -

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