

# Integrin alpha V + Integrin beta-3 Antibody (23C6)

Product Data Sheet

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Human (Hu)

Tested Applications	Dilution *
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent
Flow Cytometry (FACS)	10 µl for 10 <sup>6</sup> cells in 100 µl
Immunoprecipitation (IP)	Assay dependent
Western Blot (Agglutination) (WB-Ag)	Assay-dependent
Immunomicroscopy (IM)	Assay-dependent
Published Applications	Dilution
Immunohistochemistry (IHC)	See publications

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
<b>Catalog Number:</b>	MA1-33578
<b>Size:</b>	100 µg
<b>Class:</b>	Monoclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	23C6
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Immunogen:</b>	Osteoclasts from osteoclastomas

Form Information	
<b>Form:</b>	Liquid
<b>Concentration:</b>	1mg/ml
<b>Purification:</b>	purified
<b>Storage Buffer:</b>	PBS, pH 7.4
<b>Preservative:</b>	0.09% sodium azide
<b>Storage Conditions:</b>	4°C or -20°C if preferred

## Product Specific Information

MA1-33578 detects CD51/61 from human samples. MA1-33578 does not react with porcine, lapine or bovine samples.

MA1-33578 has been successfully used in immunoprecipitation and flow cytometry applications. For flow cytometry use 10 µl of the suggested working dilution to label 10<sup>6</sup> cells in 100 µl.

The MA1-33578 immunogen is Osteoclasts from osteoclastomas.

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## General Information

MA1-33578 recognized the intact complex formed between the CD51 and CD61 molecules (alpha V and beta 3 integrins). This complex binds vitronection at the RGD sequence and can also bind fibrinogen, von Willebrand factor, thrombospondin, fibronectin, osteopontin and collagen. Reacts with osteoclasts, placenta, melanoma cell lines and weakly with platelets.

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