



PRODUCT DATA SHEET

Product: Anti-Vitronectin Receptor alpha chain, clone 23C6

Cat. No: MC-958 (200 µg)

Specificity: Recognizes 110/90 kDa antigen known as the alpha chain of the vitronectin receptor (VNR). Clone 23C6 reacts with osteoclasts, placenta, melanoma cell lines, some epithelia cells. It reacts weakly with platelets.

Clone 23C6 recognises the intact complex formed between the CD51 and CD61 molecules (av and b3 integrins). This complex binds vitronectin at the RGD sequence and can also bind von Willebrand factor, fibrinogen, thrombospondin, fibronectin, osteopontin and collagen.

Species Reactivity: Human and chicken. Does not cross react with porcine, lapine or bovine tissues.

Isotype:
Mouse IgG₁

Immunogen:
Human osteoclastoma tissue

Format: Product:
200 µg purified IgG at approximately 1 mg/mL in PBS at pH 7.4 with 0.09% sodium azide.

Storage and Stability:
Store undiluted antibody at 4°C. For a long-term storage, aliquot and store at -20°C.

Applications and Suggested Dilutions:

- Flow Cytometry: Working dilution of 1:40 - 1:80. Recommended second antibodies: FITC-conjugated F(ab')₂ rabbit anti-mouse IgG
- Immunohistochemistry –Frozen sections: Working dilution of 1:50–1:100.
Clone 23C6 shows no reactivity on fixed tissues.
- Immunoprecipitation

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.