9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2771: Anti-Hu CD51/CD61 PE

Clonality :	Monoclonal
Clone Name :	23C6
Application :	FACS
Reactivity :	Human, Chicken
Conjugate :	PE
Alternative Name :	VNRA, MSK8, ITGB3, ITGAV, Integrin alpha5beta3, OFA, VR
Immunogen Information :	A cell suspension containing osteoclasts from osteoclastomas

Description

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 mouse monoclonal antibody 23C6 recognizes an extracellular epitope on CD51/CD61 complex, that is expressed mainly on human osteoclasts, but also e.g. on placenta, or melanoma cell lines. The epitope is native and sensitive to fixation. In chicken this antibody can be used to selectively identify the thrombocytes.

Product Info

Amount :	100 Tests
Purification :	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 ÃÂµl reagent / 100 ÃÂµl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.