



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Rat anti Plet-1

Catalogue number: **MUB1512P**

Clone	33A10
Isotype	IgG2b
Product Type	Primary Antibodies
Units	0.1 mg
Host	Rat
Species reactivity	Mouse
Application	Flow cytometry Immunoblotting Immunofluorescence Immunohistochemistry (frozen)

## Distributors

For Purchasing Information, please contact your local distributor

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### Background

The 33A10-defined antigen is the orphan protein, Placenta expressed transcript (Plet)-1. Biochemical data indicated that Plet-1 is a glycosylphosphatidylinositol-anchored glycoprotein with N-linked carbohydrates in addition to other posttranslational modifications. Plet-1 is a recently identified protein that as of yet has no known function and is not associated with any one family of proteins. Plet-1 is used as a cell surface marker present on stem/progenitor epithelial cells and in a number of tissues including thymus and skin, and on epithelial cell types in mammary gland, prostate, and pancreas.

### Source

33A10 is a Rat IgG2b monoclonal antibody derived by fusion of SP2/0 Mouse myeloma cells with spleen cells of Sprague-Dawley Rats immunized with Mouse mammary tumor cells.

### Product

Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

### Applications

33A10 is useful for Flow Cytometry, Immunofluorescence, Immunohistochemistry (frozen). Optimal antibody dilution should be determined by titration.

### Specificity

33A10 reactivity is identified in the developing Mouse mammary gland, in the bronchioles of the lung, the salivary glands and the skin. Plet-1 is a product specific for Keratinocytes undergoing

terminal trichilemmal differentiation in the hair follicle and is expressed at the plasma membranes.

**Storage**

Store at 4°C, or in small aliquots at -20°C.

**References**

1. A Sonnenberg, H Daams, M A Van der Valk, J Hilkens and J Hilgers (1986), *J Histochem Cytochem* 34 (8): 1037-1046.
2. Karine Raymond, Anja Richter, Maaïke Kreft, Evelyne Frijns, Hans Janssen, Monique Slijper, Silke Praetzel-Wunder, Lutz Langbein and Arnoud Sonnenberg (2010), *J Invest Derm* 130 1500-1513.

**Caution**

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.