

Product datasheet for **AM33024PU-N**

Plet1 Rat Monoclonal Antibody [Clone ID: 33A10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	33A10
Applications:	FC, IF, IHC, WB
Recommended Dilution:	Western Blot. Immunofluorescence. Flow Cytometry. Immunohistochemistry on Frozen Sections. Recommended Dilutions: 1/100-1/200.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Derived by fusion of SP2/0 Mouse myeloma cells with spleen cells of Sprague-Dawley rats immunized with Mouse mammary tumor cells.
Specificity:	The 33A10-defined antigen is the orphan protein, Placenta expressed transcript (Plet)-1. 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.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	placenta expressed transcript 1



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Database Link: [Entrez Gene 76509 Mouse](#)
[Q8VEN2](#)

Background: 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.

Synonyms: Placenta-expressed transcript 1 protein, C11orf34