

Anti-Plet1 [33A10]

Catalogue number: 154797

Sub-type: Primary antibody

Images:

Contributor

Inventor: Arnoud Sonnenberg

Institute: Netherlands Cancer Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Plet1 [33A10]

Alternate name: Placenta Expressed Transcript 1; C11orf34

Class: Monoclonal

Conjugate: Unconjugated

Description: Placenta-expressed transcript-1 (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. Its observation has been restricted to developing mesonephros and pharyngeal endoderm. Observation in adult tissue is more widely expressed, having been found in several locations such as mammary, pancreas and prostate epithelia. Its location in the pancreas is notable as the pancreas is a well known reserve for stem cells and progenitor cells. Within the pancreas, Plet-1 has been shown to be localized in the major duct epithelium, and as such will serve as an excellent marker for epithelial progenitor cells and stem cells, and as a useful implement for observing the genetics of linear relationships and the operation of molecular mechanisms for homeostasis, development and wound healing in organ and tissue systems

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Mouse

Selectivity:

Host: Rat

Immunogen: Developing mouse mammary gland.

Immunogen UNIPROT ID:

Sequence:

Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Plet1

Target alternate names:

Target background: Placenta-expressed transcript-1 (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. Its observation has been restricted to developing mesonephros and pharyngeal endoderm. Observation in adult tissue is more widely expressed, having been found in several locations such as mammary, pancreas and prostate epithelia. Its location in the pancreas is notable as the pancreas is a well known reserve for stem cells and progenitor cells. Within the pancreas, Plet-1 has been shown to be localized in the major duct epithelium, and as such will serve as an excellent marker for epithelial progenitor cells and stem cells, and as a useful implement for observing the genetics of linear relationships and the operation of molecular mechanisms for homeostasis, development and wound healing in organ and tissue systems

Molecular weight: 23 kDa

Ic50:

Applications

Application: FACS ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Bosman et al. 1992. Prog Histochem Cytochem. 24(4):1-92. PMID: 1509094.

CancerTools.org