

Datasheet for ABIN7601792  
**anti-Plet1 antibody (AA 46-166)**



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## Overview

Quantity:	100 µg
Target:	Plet1 (C11orf34)
Binding Specificity:	AA 46-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plet1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-PLET1 Antibody Picoband®
Immunogen:	E.coli-derived human PLET1 recombinant protein (Position: D46-K166).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PLET1 Antibody Picoband® (ABIN7601792). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	Plet1 (C11orf34)
Alternative Name:	PLET1 ( <a href="#">C11orf34 Products</a> )
Background:	<p>Synonyms: Transmembrane protein 240, TMEM240, C1orf70,</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: PLET-1 (placenta -expressed transcript 1), also known as antigen mAgK114, is a 23 kDa membrane protein that is probably GPI-anchored. It is recognized by the antibodies MTS20 and MTS24. Mature mouse PLET-1, which most likely includes amino acids (aa) 28-216 of 237 aa, shares less than 60 % aa sequence identity with the most closely related rat or human protein. A potential 194 aa mouse splice variant diverges after aa 149 but still contains a hydrophobic sequence at the Cterminus. PLET-1 is a marker of early thymic progenitor cells and pancreatic duct epithelium.</p>
Molecular Weight:	28 kDa
Gene ID:	349633

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg /1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Depreter, M. G. L., Blair, N. F., Gaskell, T. L., Nowell, C. S., Davern, K., Pagliocca, A., Stenhouse, F. H., Farley, A. M., Fraser, A., Vrana, J., Robertson, K., Morahan, G., Tomlinson, S. R., Blackburn, C. C. Identification of Plet-1 as a specific marker of early thymic epithelial progenitor cells. Proc. Nat. Acad. Sci. 105: 961-966, 2008. 2. Zhao, S.-H., Simmons, D. G., Cross, J. C., Scheetz, T. E., Casavant, T. L., Soares, M. B., Tuggle, C. K. PLET1 (C11orf34), a highly expressed and processed novel gene in pig and mouse placenta, is transcribed but poorly spliced in human. Genomics 84: 114-125, 2004.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

## Handling

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Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.