

Datasheet for ABIN2662714  
**anti-ENPP1 antibody (PE)**



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1 Image

## Overview

|              |                                         |
|--------------|-----------------------------------------|
| Quantity:    | 100 µg                                  |
| Target:      | ENPP1                                   |
| Reactivity:  | Mouse                                   |
| Host:        | Rat                                     |
| Clonality:   | Monoclonal                              |
| Conjugate:   | This ENPP1 antibody is conjugated to PE |
| Application: | Flow Cytometry (FACS)                   |

## Product Details

|               |                                                                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone:        | YE1-19-1                                                                                                                                                                 |
| Isotype:      | IgG2b kappa                                                                                                                                                              |
| Purification: | The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody. |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | ENPP1                                                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | ENPP1 ( <a href="#">ENPP1 Products</a> )                                                                                                                                                                                                                                                                                                                                |
| Background:       | ENPP1, also known as PC-1 or Ly-41, is a 115 kD type II transmembrane enzyme that is located on the cell's surface as a homodimer. ENPP1 hydrolyses ATP and other nucleoside 5' triphosphates to produce pyrophosphate which is an inhibitor of calcification and bone formation. It is involved in nucleotide recycling, cell adhesion, and regulates the signaling of |

Target Details

insulin and purinergic receptors. ENPP1 is expressed by plasma cells, subsets of T and B1 cells, chondrocytes, capillary endothelium of the brain, renal distal tubules, and hepatocytes.

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.2 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

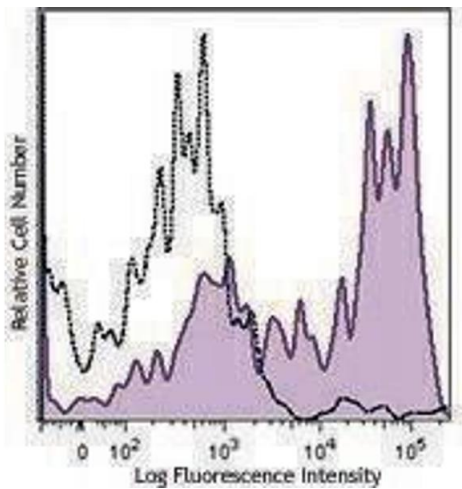
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.