

Datasheet for ABIN2664948

anti-ENPP1 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	ENPP1
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This ENPP1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Clone:	YE1-19-1
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	ENPP1
Alternative Name:	ENPP1 (ENPP1 Products)
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 insulin and purinergic receptors. ENPP1 is expressed by plasma cells, subsets of T and B1 cells,

Target Details

	chondrocytes, capillary endothelium of the brain, renal distal tubules, and hepatocytes.
Pathways:	Regulation of Carbohydrate Metabolic Process

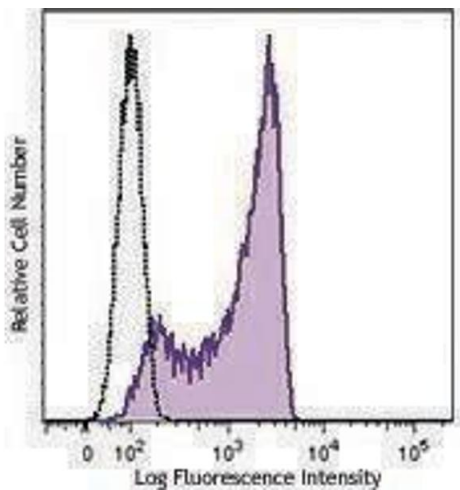
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 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.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.