

ENPP3 (AB3402) Rabbit mAb

M2392

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IF/ICC, ELISA

MW

- 100 kDa (calculated)
- Refer to figures kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

IF/ICC, ELISA

Dilution

IF/ICC, 1:200-1:2000 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.09% Sodium azide.

Basic Information

Clonality Monoclonal

Clone Number AB3402

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 551 - 875 of human ENPP3/CD203c.

Specificity This antibody detects endogenous levels of ENPP3 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name ENPP3/PDNP3/CD203c

Protein Name ENPP3

Database Link	Organism	Swiss Prot.	Gene ID
	Human	O14638	5169

Background

The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.