

ACPP monoclonal antibody, clone ACPP/1339

Catalog # MAB14883 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human ACPP.
Immunogen	Recombinant protein corresponding to full length human ACPP.
Host	Mouse
Theoretical MW (kDa)	52
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Frozen sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence
- Flow Cytometry

Gene Info — ACP

Entrez GeneID

[55](#)

Protein Accession#

[P15309](#)

Gene Name

ACPP

Gene Alias

ACP-3, ACP3, PAP

Gene Description

acid phosphatase, prostate

Omim ID

[171790](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq]

Other Designations

prostatic acid phosphatase

Publication Reference

- [A novel hybridoma antibody \(PASE/4LJ\) to human prostatic acid phosphatase suitable for immunohistochemistry.](#)

Haines AM, Larkin SE, Richardson AP, Stirling RW, Heyderman E.

British Journal of Cancer 1989 Dec; 60(6):887.

Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Riboflavin metabolism](#)

Disease

- [Tobacco Use Disorder](#)