

ACPP monoclonal antibody, clone ACPP/1339

Catalog # MAB14884 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/10⁶ 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.

Storage Instruction
Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Frozen sections)
- Immunofluorescence
- Flow Cytometry

Gene Info — ACP

Entrez GeneID	55
Protein Accession#	P15309
Gene Name	ACP
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](#)