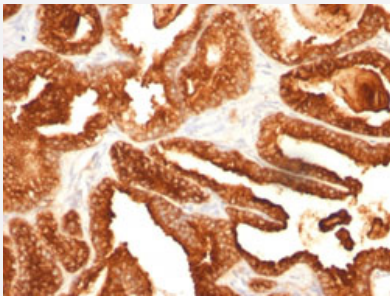


ACPP monoclonal antibody, clone SPM312

Catalog # MAB14886 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with ACPP monoclonal antibody, clone SPM312 (Cat # MAB14886).

Specification

Product Description	Mouse monoclonal antibody raised against native human ACPP.
Immunogen	Native purified ACPP from human seminal plasma.
Host	Mouse
Theoretical MW (kDa)	52
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded 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 (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with ACPD monoclonal antibody, clone SPM312 (Cat # MAB14886).

- Immunofluorescence
- Flow Cytometry

Gene Info — ACPD

Entrez GeneID [55](#)

Protein Accession# [P15309](#)

Gene Name ACPD

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](#)