

**Product Name: Prostatic Acid Phosphatase (18S11)
Rabbit Monoclonal Antibody
Catalog #: AMRe16528**



Summary

Production Name	Prostatic Acid Phosphatase (18S11) Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ACP3
Alternative Names	ACP3; PAP; TMPase;
Gene ID	55.0
SwissProt ID	P15309.

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:2000-1:20000,ICC/IF 1:50-1:100
Molecular Weight	45kDa

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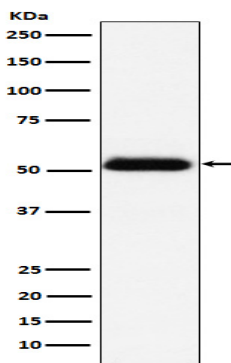


Background

A non-specific tyrosine phosphatase that dephosphorylates a diverse number of substrates under acidic conditions (pH 4-6) including alkyl, aryl, and acyl orthophosphate monoesters and phosphorylated proteins. Has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma. A non-specific tyrosine phosphatase that dephosphorylates a diverse number of substrates under acidic conditions (pH 4-6) including alkyl, aryl, and acyl orthophosphate monoesters and phosphorylated proteins (PubMed: [10506173](http://www.uniprot.org/citations/10506173), PubMed: [15280042](http://www.uniprot.org/citations/15280042), PubMed: [20498373](http://www.uniprot.org/citations/20498373), PubMed: [9584846](http://www.uniprot.org/citations/9584846)). Has lipid phosphatase activity and inactivates lysophosphatidic acid in seminal plasma (PubMed: [10506173](http://www.uniprot.org/citations/10506173), PubMed: [15280042](http://www.uniprot.org/citations/15280042)).

Research Area

Image Data



Western blot analysis of Prostatic Acid Phosphatase expression in human prostate cancer lysate.

Note

For research use only.