

Novocastra™ Liquid Mouse Monoclonal Antibody Prostatic Acid Phosphatase

Product Code: NCL-L-PAP

Intended Use	FOR RESEARCH USE ONLY.
Specificity	Human prostatic acid phosphatase.
Clone	PASE/4LJ
Ig Class	IgG1
Antigen Used for Immunizations	Prostatic acid phosphatase purified from human seminal plasma.
Hybridoma Partner	Mouse myeloma (P3 x Ag8.653).
Preparation	Liquid tissue culture supernatant containing 15 mM sodium azide. Volume as indicated on vial label.
Effective on Frozen Tissue	Yes
Effective on Paraffin Wax Embedded Tissue	Yes
Recommendations on Use	Immunohistochemistry: Typical working dilution 1:100. 60 minutes primary antibody incubation at 25 °C. Standard ABC technique. Western Blotting: Not recommended.
Positive Controls	Immunohistochemistry: Prostate.
Staining Pattern	Cytoplasmic.
Storage and Stability	Store liquid antibody at 4 °C. Under these conditions, there is no significant loss in product performance up to the expiry date indicated on the vial label. Prepare working dilutions on the day of use.
General Overview	Prostatic acid phosphatase (PAP) is an isoenzyme of acid phosphatase found in large amounts in the prostate and seminal fluid. The precise function of PAP is unknown. It may act as a hydrolase to split phosphoryl choline in semen and also function as a transferase. NCL-L-PAP is reported to react with human PAP in whole seminal plasma.
General References	Haines A M R, Larkin S E, Richardson A P, et al. British Journal of Cancer. 60: 887–892 (1989). Haines A M R, Larkin S E and Heyderman E. Biochemical Society Transactions. 15: 1179–1180 (1987).

