

PSAP (PASE/4LJ)

Mouse Monoclonal Antibody

Specificity: Humans

Immunogen: Purified prostatic acid phosphatase (PSAP) from human seminal plasma

Ig Class: IgG1 /k

Storage: Store at 2-8°C for up to 2 years for concentrate form and 1 year for predilute form.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200. *Positive Control:* Normal prostate or prostate carcinoma. *Localization:* Cytoplasmic. *Intended Use:* Research Use Only (RUO).

Description: Prostatic acid phosphatase (PSAP) is one of the two antigenic markers of prostatic carcinoma, the other being prostate specific antigen. It belongs to the kallikrein family of serine proteases and is suggested to act as a hydrolase to split phosphoryl choline in semen and as a transferase. PSAP does not inhibit the enzymatic activity of PSAP. It reacts with non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It shows no cross reaction with other phosphatases.

Intended Use: This antibody is intended for research use only (RUO). PSAP (PASE/4LJ) mouse monoclonal primary antibody is intended for laboratory use in the detection of PSAP in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As: Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

References:

1. Hameed O, et al. Semin Diagn Pathol. 2005; 22:88-104.
2. Geneqa M, et al. Mod Pathol. 2000; 13:1186-91.

REF Z2140ML-R/ Z2140MS-R/ Z2140MT-R/ Z2140MP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)