

PSAP (ZM162)

Monospecific Mouse Monoclonal Antibody

Specificity: Humans

Immunogen: Recombinant human ACPD fragment

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:* Prostate. *Localization:* Cytoplasmic. *Intended Use:* Research Use Only (RUO).

Description: Recognizes a protein of 52kDa, identified as prostate specific acid phosphatase (PSAP). This enzyme 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. PSAP is found in non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It shows no staining in granulocytes, osteoclasts, parietal cells of the stomach, liver cells, renal cell or breast carcinomas.

Intended Use: This antibody is intended for research use only (RUO). PSAP (ZM162) monospecific 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 Z2475ML-R/ Z2475MS-R/ Z2475MT-R/ Z2475MP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)