

Mouse Anti-PSAP (Prostate Specific Acid Phosphatase) [PASE/4LJ]: MC0354

Intended Use: For Research Use Only

Description: Prostate Specific Acid Phosphatase (PSAP) is a 100 kD glycoprotein present in high concentration in the prostate gland and its secretions. PSAP is measured clinically because its level often rises in the serum in cases of prostatic carcinoma. By immunohistochemical analysis PSAP has been found concentrated within the large secretory vacuoles of the supranuclear portion of the prostatic columnar epithelial cell. In hyperplastic prostates and in benign prostatic tissue adjacent to the prostatic carcinoma, PSAP activity is limited to the acinar or ductal columnar epithelial cells and adjacent luminal content. PSAP reactivity in an extraprostatic tumor is an accurate and sensitive indicator of metastatic prostatic carcinoma.

Specifications

Clone: PASE/4LJ
 Source: Mouse
 Isotype: IgG1
 Reactivity: Human
 Localization: Cytoplasm
 Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN3)
 Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
 Applications: IHC, Flow Cyt., ICC, IF
 Package:

Description	Catalog No.	Size
PSAP (Prostate Specific Acid Phosphatase) Concentrated	MC0354	1 ml

IHC Procedure*

Positive Control Tissue: Prostate
 Concentrated Dilution: 50-200
 Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.