

Rabbit Polyclonal anti-PSA

60-0058; 60-0058-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0058; 61-0058-2; 61-0058-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	N/A
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect PSA by light microscopy in normal and neoplastic formalin fixed paraffin embedded (FFPE) tissue sections in immunohistochemical (IHC) detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

Prostate Specific Antigen (PSA) is specifically expressed by benign and malignant prostate epithelium. The antibody labels prostatic epithelium, and is a useful tool for identification of adenocarcinoma of the prostate in metastatic sites and for differentiating prostate adenocarcinoma from urothelial carcinoma.

This antibody is often used in conjunction with prostatic acid phosphatase (PAP) and CD57 (Leu 7). A combination of these three markers gives the highest diagnostic yield.

Reagent provided

This antibody is purified immunoglobulin diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN₃) as antimicrobial agent.

Precautions

For professional users

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide (NaN₃) is a toxic chemical. The concentration in this product is not classified as hazardous, however the build-ups of NaN₃ may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution

60-0058; 60-0058-7: Ready-To-Use

61-0058; 61-0058-2; 61-0058-5: Dilute 1:50 to 1:100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

Positive control tissue

Prostate

Epitope retrieval

Not Required

Staining pattern

Cytoplasmic

Storage

Store at 2-8°C.

References

1. Nadji M, et al. Cancer. 1981 Sep 1;48(5):1229-32.
2. Oesterling JE, et al. J Urol. 1991 May;145(5):907-23.
3. Polascik TJ, et al. J Urol. 1999 Aug;162(2):293-306

Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

