

## Mouse Monoclonal anti-PCNA (Proliferating Cell Nuclear Antigen), Clone PC10

60-0054; 60-0054-7 6 mL; 7 mL Pre-dilute Antibody, Ready-To-Use  
 61-0054, 61-0054-2, 61-0054-5 1 mL; 0.2 mL; 0.5 mL Concentrate Antibody  
 Isotype IgG2a  
 Concentration: See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect PCNA 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

Proliferating Cell Nuclear Antigen (PCNA) is expressed at high levels in cycling cells. The antibody labels tissues known to be actively proliferating.

### Reagent provided

This antibody is diluted in 10 mM phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide ( $\text{NaN}_3$ ) 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 ( $\text{NaN}_3$ ) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of  $\text{NaN}_3$  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

60-0054; 60-0054-7: Ready-To-Use  
 61-0054, 61-0054-2, 61-0054-5: Dilute 1:50-100 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

Tonsil

#### Epitope retrieval

HIER, Citrate Buffer pH 6

#### Staining pattern

Nucleus

### Storage

Store at 2-8°C.

### References

1. Norton AJ, et al. J Clin Pathol. 1986 Apr;39(4):399-405.
2. Davey FR, et al. Am J Clin Pathol. 1990 Apr;93(4 Suppl 1):S17-26.
3. Smith SH, et al. Immunology. 1986 May;58(1):63-70.

### Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

