

## Rabbit Polyclonal anti-Calretinin

60-0006; 60-0006-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0006; 61-0006-2; 61-0006-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	NA
Concentration	See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect Calretinin 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

Calretinin is a member of the superfamily of calcium-binding protein. It is abundantly expressed in central and peripheral neural tissues. Calretinin is expressed by both normal and neoplastic mesothelial cells and is a useful marker for the identification of malignant mesothelioma of the epithelial type and for the differentiation of the malignancies from metastases of lung adenocarcinoma. Differential diagnosis is aided by the results from a panel of antibodies.

### 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

60-0006; 60-0006-7: Ready-To-Use

61-0006; 61-0006-2; 61-0006-5: 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

Mesothelioma

#### Epitope retrieval

HIER, Tris Buffer pH 9.0

#### Staining pattern

Cytoplasm and Nucleus

### Storage

Store at 2-8°C.

### References

1. Barberis M, et al. Acta Cytol. 1997;41:1757-61.
2. Vogt P, et al. Pathol Res Pract. 1996;192:137-47.
3. Cury P, et al. Mod Pathol. 2000;13:107-12.

### Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

