

## Rabbit Monoclonal anti-Synaptophysin, Clone GR007

60-0122; 60-0122-7	6 mL; 7 mL Antibody, Ready-To-Use
61-0122; 61-0122-2; 61-0122-5	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 Synaptophysin 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

The Synaptophysin is expressed in presynaptic vesicles of various kinds of neurons.

This antibody has specific staining of neuronal, adrenal, and neuroepithelial tumors. Positive results may be a useful tool for the identification of a wide spectrum of neuroendocrine neoplasms. Differential diagnosis is aided by the results from a panel of antibodies.

Nuclear staining may be present in some tissues when using heat-induced epitope retrieval (HIER). It shall not be considered as specific staining.

### 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 (NaN<sub>3</sub>) 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 is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN<sub>3</sub> 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

60-0122; 60-0122-7: Ready-To-Use

61-0122; 61-0122-2; 61-0122-5: 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

Neuroendocrine Tumor

#### Epitope retrieval

Not required. HIER using Citrate pH 6 may enhance staining in some tissue.

#### Staining pattern

Cytoplasm

### Storage

Store at 2-8°C.

### References

1. Navone F, et al. J Cell Biol. 1986 Dec;103:2511-27
2. Jahn R, et al. Proc Natl Acad Sci U S A. 1985 Jun;82(12):4137-41.

### Symbols

				
Catalog No.	Batch No.	In Vitro Diagnostic Use	Temperature Range	Use By