

Rabbit Polyclonal anti-Chromogranin A

60-0015; 60-0015-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0015; 61-0015-2; 61-0015-5	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 Chromogranin A in normal and neoplastic formalin fixed paraffin embedded tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

Chromogranin A present in secretory granules of endocrine cells. It is the most specific marker for neuroendocrine differentiation and corresponds to the neurosecretory granule.

The antibody labels chromogranin A and is used to qualitatively distinguish between neoplasm of neuroendocrine origin from non-neuroendocrine origin.

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 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

60-0015; 60-0015-7: Ready-To-Use

61-0015; 61-0015-2; 61-0015-5: 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

Staining pattern

Cytoplasmic granular

Storage

Store at 2-8°C.

References

1. Portela-Gomes GM. Adv Exp Med Biol. 2000;482:193-203
2. Lloyd RV, et al. Am J Pathol. 1988 Feb;130(2):296-304
3. O'Connor DT, et al. N Engl J Med. 1986 May 1;314(18):1145-51

Symbols

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