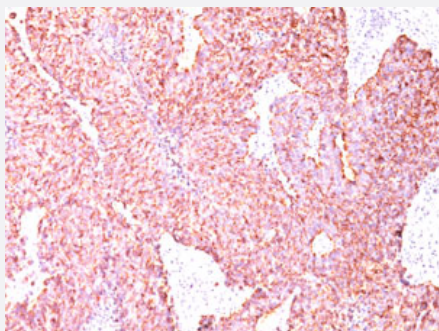


CHGA monoclonal antibody, clone SPM585

Catalog # MAB12042 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung carcinoma with CHGA monoclonal antibody, clone SPM585 (Cat # MAB12042).

Specification

Product Description Mouse monoclonal antibody raised against CHGA.

Immunogen Human pheochromocytoma.

Host Mouse

Theoretical MW (kDa) 68-75

Reactivity Human

Specificity Does not react with mouse and rat.

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage Immunohistochemistry (0.5-1 ug/mL)
Western Blot (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung carcinoma with CHGA monoclonal antibody, clone SPM585 (Cat # MAB12042).

Gene Info — CHGA

Entrez GeneID[1113](#)**Gene Name**

CHGA

Gene Alias

CGA

Gene Description

chromogranin A (parathyroid secretory protein 1)

Omim ID[118910](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. However, biological activities for these molecules have not been shown. [provided by RefSeq]

Other Designations

betagranin (N-terminal fragment of chromogranin A)|chromogranin A|parathyroid secretory protein 1

Disease

- [Genetic Predisposition to Disease](#)

- [Glomerulonephritis](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)