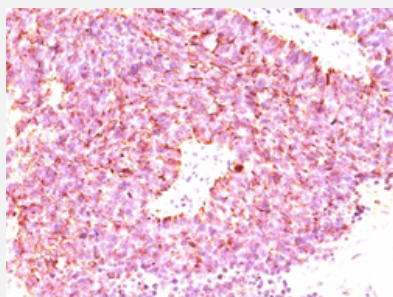


# CHGA monoclonal antibody, clone LK2H10 + PHE5 + CGA/414

Catalog # MAB21151

Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human small cell lung carcinoma with CHGA monoclonal antibody, clone LK2H10 + PHE5 + CGA/414 (Cat # MAB21151).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against human CHGA.
<b>Immunogen</b>	Human pheochromocytoma (LK2H10 & PHE5); Recombinant protein corresponding to full length human CHGA (CGA414).
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	68-75
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.25-0.5 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

**Storage Instruction**

Store at 4°C.

**Note**

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

## Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human small cell lung carcinoma with CHGA monoclonal antibody, clone LK2H10 + PHE5 + CGA/414 (Cat # MAB21151).

- Immunofluorescence
- Flow Cytometry

## Gene Info — CHGA

**Entrez GeneID**[1113](#)**Protein Accession#**[P10645](#)**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](#)