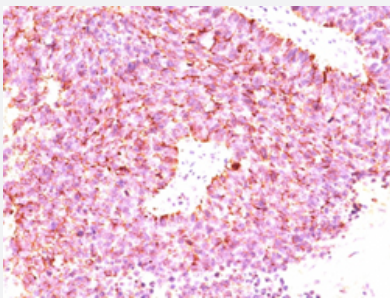


CHGA monoclonal antibody, clone LK2H10 + PHE5 + CGA/414

Catalog # MAB21152 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 # MAB21152).

Specification

Product Description	Mouse monoclonal antibody raised against human CHGA.
Immunogen	Human pheochromocytoma (LK2H10 & PHE5); Recombinant protein corresponding to full length human CHGA (CGA414).
Host	Mouse
Theoretical MW (kDa)	68-75
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ 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.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

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 # MAB21152).

- 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 neuro endocrine 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](#)