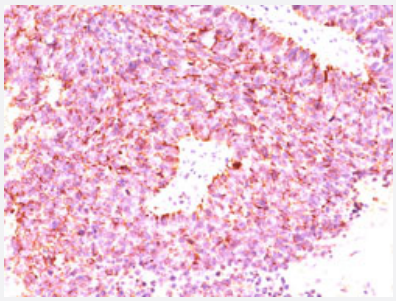
CHGA monoclonal antibody, clone LK2H10

Catalog # MAB11338 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical staining of human small cell lung carcinoma with CHGA monoclonal antibody, clone LK2H10 (Cat # MAB11338) at 1:200-1:400 dilution, for 30 min at RT.

Specification

Product Description	Mouse monoclonal antibody raised against CHGA.
Immunogen	Human phaeochromocytoma.
Host	Mouse
Reactivity	Human, Monkey, Mouse, Pig, Rat
Form	Liquid
Purification	Protein A/G affinity chromatography
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (1:200-1:400 for 30 min at RT) Western Blot (1:400-1:800) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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

Applications

- Western Blot
- Immunohistochemistry

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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 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 p arastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrin e system. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derive d from the full-length protein. However, biological activities for these molecules have not been sho wn. [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