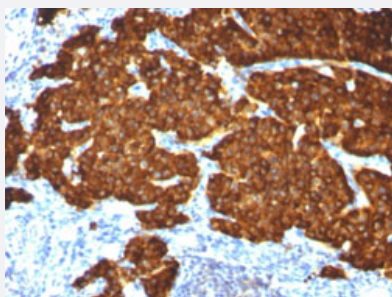


CHGA monoclonal antibody, clone CGA/413 + CHGA/777 + CHGA/798

Catalog # MAB20882

Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pheochromocytoma with CHGA monoclonal antibody, clone CGA/413 + CHGA/777 + CHGA/798 (Cat # MAB20882).

Specification

Product Description Mouse monoclonal antibody raised against human CHGA.

Immunogen Recombinant protein corresponding to human CHGA.

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/10⁶ 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.
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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.
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Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pheochromocytoma with CHGA monoclonal antibody, clone CGA/413 + CHGA/777 + CHGA/798 (Cat # MAB20882).

- Immunofluorescence

- Flow Cytometry

Gene Info — CHGA

Entrez GeneID	1113
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Protein Accession#	P10645
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Gene Name	CHGA
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Gene Alias	CGA
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Gene Description	chromogranin A (parathyroid secretory protein 1)
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Omim ID	118910
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Gene Ontology	Hyperlink
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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]
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Other Designations	betagranin (N-terminal fragment of chromogranin A) chromogranin A parathyroid secretory protein 1
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Disease

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)