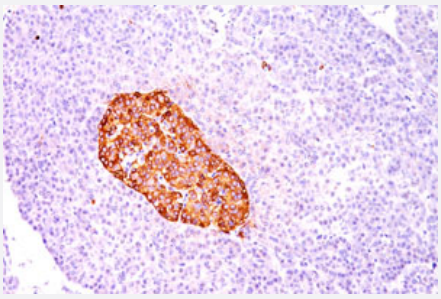
CHGA monoclonal antibody, clone CGA414

Catalog # MAB11239 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas tissue using CHGA monoclonal antibody, clone CGA414 (Cat # MAB11239).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CHGA.
Immunogen	Recombinant protein corresponding to human CHGA.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G affinity chromatography
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (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.

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

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas tissue using CHGA monoclonal antibody, clone CGA414 (Cat # MAB11239).

Gene Info — CHGA

Entrez GeneID	1113
Protein Accession#	NP_001266
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

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- Kidney Failure
- Prostatic Neoplasms
- Schizophrenia

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