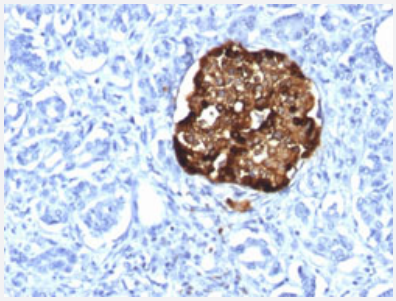
RecomAb™

CHGA recombinant monoclonal antibody, clone CHGA/1815R

Catalog # RAB00323 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with CHGA recombinant monoclonal antibody, clone CHGA/1815R (Cat # RAB00323).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CHGA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human CHGA.
Theoretical MW (kDa)	68-75
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	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 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 with CHGA recombinant monoclonal antibody, clone CHGA/1815R (Cat # RAB00323).

- Immunofluorescence
- Flow Cytometry
- Western Blot

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 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

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Publication Reference

- Chromogranin A, secretogranin II and vasoactive intestinal peptide in phaeochromocytomas and ganglioneuromas.

  Schmid KW, Dockhorn-Dworniczak B, Fahrenkamp A, Kirchmair R, Tötsch M, Fischer-Colbrie R, Böcker W, Winkler H.

  Histopathology 1993 Jun; 22(6):527.

  Application: IHC-P, Human, Phaeochromocytoma, Ganglioneuroma

Disease

- Genetic Predisposition to Disease
- Glomerulonephritis
- Hypertension
- Kidney Failure
- Prostatic Neoplasms
- Schizophrenia

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