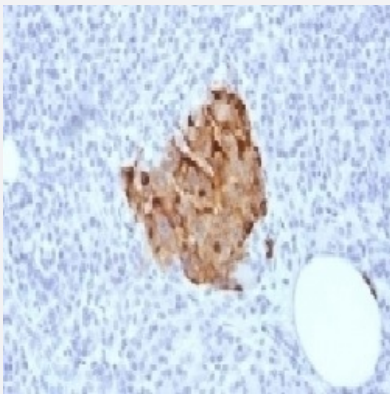


RecomAb™

CHGA recombinant monoclonal antibody, clone CHGA/1773R

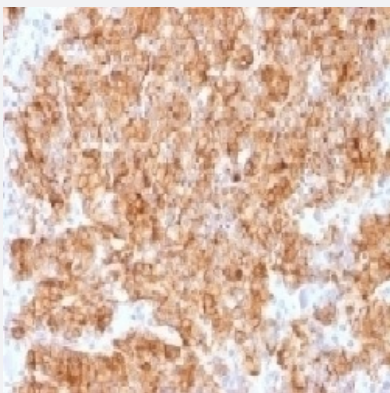
Catalog # RAB03809 Size 100 ug

Applications



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human pancreas with anti-Chromogranin A recombinant monoclonal antibody, clone CHGA/1773R (Cat # RAB03809).



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human parathyroid gland with anti-Chromogranin A recombinant monoclonal antibody, clone CHGA/1773R (Cat # RAB03809).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against recombinant human Chromogranin A protein.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to recombinant human Chromogranin A protein
Reactivity	Human

Specificity	Does not react with rat.
Form	Liquid
Conjugation	Unconjugated
Purification	Protein A affinity chromatography
Concentration	0.2 mg/mL
Isotype	IgG
Recommend Usage	Flow cytometry (0.5-1 ug/million cells in 0.1mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(0.25-0.5 ug/mL for 30 min at RT) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 0.1 mg/ml BSA, 0.05% sodium azide
Storage Instruction	Store at 2~8°C. Aliquot to avoid repeated freezing and thawing.
Note	Optimal dilutions for each application to be determined by the researcher

Applications

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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human pancreas with anti-Chromogranin A recombinant monoclonal antibody, clone CHGA/1773R (Cat # RAB03809).

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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human parathyroid gland with anti-Chromogranin A recombinant monoclonal antibody, clone CHGA/1773R (Cat # RAB03809).

- 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	<p>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]</p>
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](#)