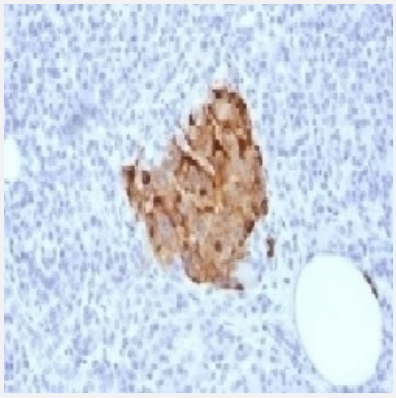
RecomAb™

# CHGA recombinant monoclonal antibody, clone CHGA/1773R

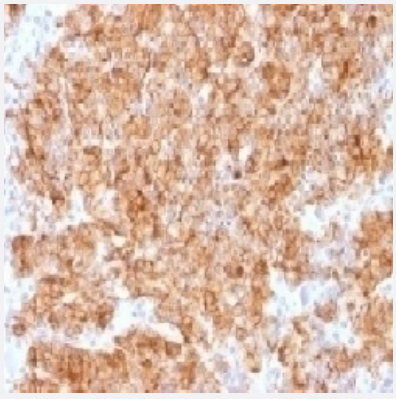
Catalog # RAB03809 Size 100 ug

## 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

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|---|---|
| **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 |

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|---|---|
| **Specificity** | Does not react with rat. |
| **Form** | Liquid |
| **Conjugation** | Unconjugated |
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **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)<br>Immunofluorescence (1-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(0.25-0.5 ug/mL for 30 min at RT)<br>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.<br>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

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|---|---|
| **Entrez GeneID** | 1113 |

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| | |
|---|---|
| **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 |

## Disease

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

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