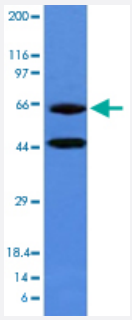
CHGA monoclonal antibody, clone CHGA/777

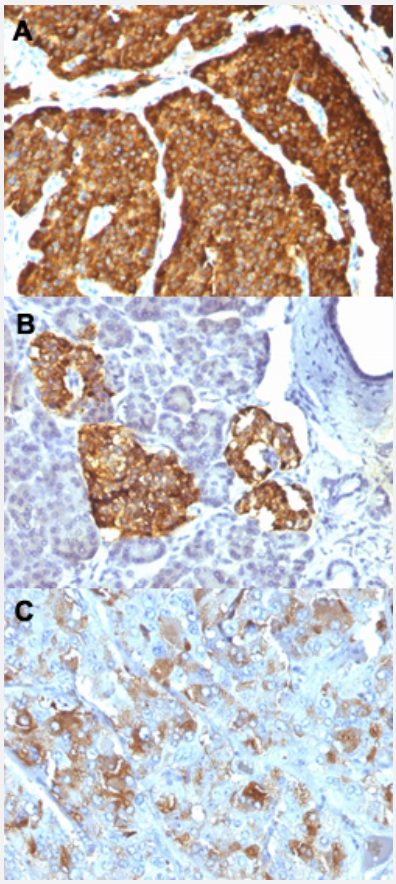
Catalog # MAB14234 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of PANC-1 cell lysate with CHGA monoclonal antibody, clone CHGA/777 (Cat # MAB14234).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pheochromocytoma (A), human pancreas (B) and human adrenal gland (C) with CHGA monoclonal antibody, clone CHGA/777 (Cat # MAB14234).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CHGA.
Immunogen	Recombinant protein corresponding to full length 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/10^6 cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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- 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	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