

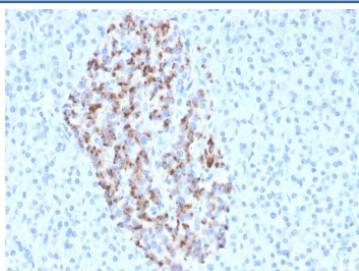
Recombinant Chromogranin A Antibody [clone CHGA/4544R] (V8371)

Catalog No.	Formulation	Size
V8371-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8371-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8371SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

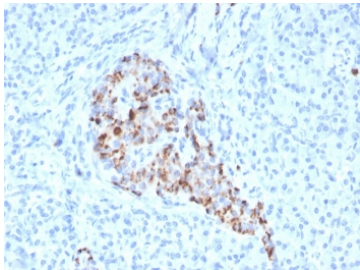
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	CHGA/4544R
Purity	Protein A affinity chromatography
UniProt	P10645
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant Chromogranin A antibody is available for research use only.



IHC staining of FFPE human pancreas with recombinant Chromogranin A antibody (clone CHGA/4544R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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Description

Chromogranin A (CGA) is an acidic protein which is reported to be widely expressed in neural tissues and in secretory granules of human endocrine cells e.g. parathyroid gland, adrenal medulla, anterior pituitary gland, islet cells of the pancreas and C cells of the thyroid. GA is found in the large majority of epithelial NE tumors: pituitary adenomas, parathyroid and pancreatic islet cell tumors, medullary thyroid carcinoma, and carcinoid tumors. Together with synaptophysin, CGA is the most important marker for the identification of NE and neuronal tumors and NE/neuronal differentiation in other tumors.

Application Notes

Optimal dilution of the recombinant Chromogranin A antibody should be determined by the researcher.

Immunogen

A portion of amino acids 400-600 from the human protein was used as the immunogen for the recombinant Chromogranin A antibody.

Storage

Store the recombinant Chromogranin A antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).