

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 36-1056: Monoclonal Antibody to Chromogranin A / CHGA (Neuroendocrine Marker)(Clone : CHGA/798)

Clone Name : Monoclonal
Clone Name : CHGA/798
Application : IHC

Reactivity: Human, Rat
Gene: CHGA
Gene ID: 1113
Uniprot ID: P10645
Format: Purified
Alternative Name: CHGA

**Isotype:** Mouse IgG1, kappa

Immunogen Information: Recombinant human CHGA protein

## **Description**

Chromogranin A is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.

## **Product Info**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

**Content:** 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

**Storage condition :** Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

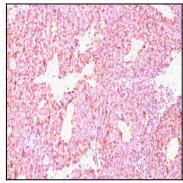
## **Application Note**

Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

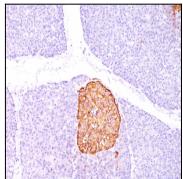


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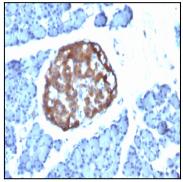
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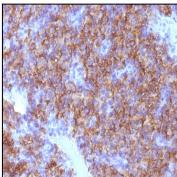
Formalin-paraffin human SC Lung Carcinoma stained with Chromogranin A MAb (CHGA/798)



Formalin-paraffin human Pancreas stained with Chromogranin A MAb (CHGA/798)



Formalin-paraffin Rat Pancreas stained with Chromogranin A MAb (CHGA/798)

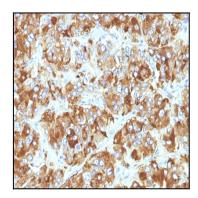


Formalin-fixed, paraffin-embedded human Parathyroid stained with Chromogranin A Monoclonal Antibody (CHGA/798)



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Formalin-fixed, paraffin-embedded human Adrenal Gland stained with Chromogranin A Monoclonal Antibody (CHGA/798)