

Anti-Monkey Chromogranin A mAb

Catalog No.: A28854

Basic Information

Observed MW

Calculated MW

51 kDa

Category

Primary antibody

Applications

IHC-P

Cross-Reactivity

Cynomolgus monkey

CloneNo number

ARC3991

Background

The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine 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. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

IHC-P 1:3000 - 1:12000

Immunogen Information

Gene ID

101864783

Swiss Prot

P10645

Immunogen

This information is considered to be commercially sensitive.

Synonyms

CGA; PHE5; PHES

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

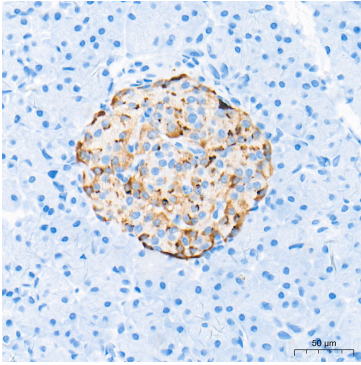
Affinity purification

Storage

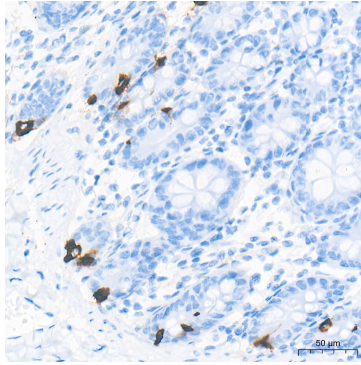
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey pancreas tissue using Anti-Monkey Chromogranin A mAb (A28854) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey colon tissue using Anti-Monkey Chromogranin A mAb (A28854) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.