

Product datasheet

Anti-Chromogranin A antibody [CGA414] ab187368

[2 Images](#)

Overview

Product name	Anti-Chromogranin A antibody [CGA414]
Description	Mouse monoclonal [CGA414] to Chromogranin A
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Does not react with: Rat
Immunogen	Recombinant full length protein corresponding to Human Chromogranin A aa 1 to the C-terminus. Database link: P10645 Run BLAST with Run BLAST with
Positive control	IHC-P: Pancreas tissue and small cell lung carcinoma tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	CGA414
Isotype	IgG1
Light chain type	kappa

Applications

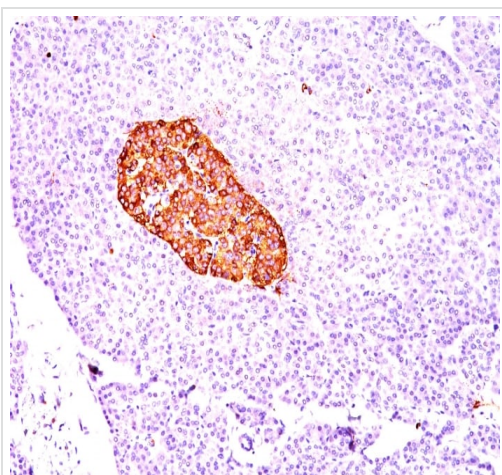
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab187368 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

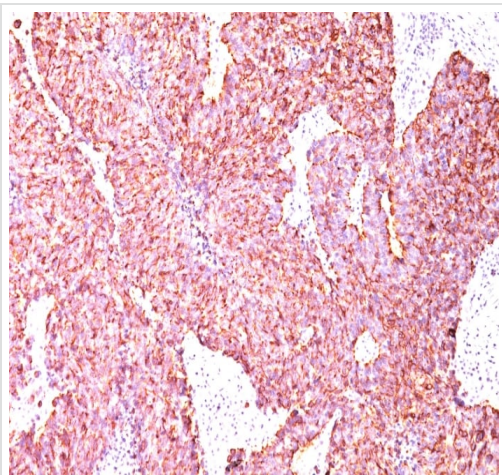
Function	Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.
Sequence similarities	Belongs to the chromogranin/secretogranin protein family.
Post-translational modifications	Sulfated on tyrosine residues and/or contains sulfated glycans. O-glycosylated with core 1 or possibly core 8 glycans.
Cellular localization	Secreted. Neuroendocrine and endocrine secretory granules.
Form	According to the Swiss-Prot database, this protein has many different forms which correspond to various molecular weights; thus the possible variation from the predicted molecular weight of 51kDa.

Images



Immunohistochemical analysis of paraffin-embedded formalin fixed pancreas tissue labeling Chromogranin A with ab187368 at 1 µg/µl.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CGA414] (ab187368)



Immunohistochemical analysis of paraffin-embedded formalin fixed small cell lung carcinoma tissue labeling Chromogranin A with ab187368 at 1 µg/µl.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CGA414] (ab187368)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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