

Product datasheet

Anti-Chromogranin A antibody [CGA/414] - BSA and Azide free ab212287

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Overview

Product name	Anti-Chromogranin A antibody [CGA/414] - BSA and Azide free
Description	Mouse monoclonal [CGA/414] to Chromogranin A - BSA and Azide free
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	Human pancreas, small cell lung carcinoma, adrenal gland, bowel, thyroid and pheochromocytoma tissues.
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 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein G purified
Purification notes	ab212287 was purified from Bioreactor Concentrate by Protein A/G.

Clonality	Monoclonal
Clone number	CGA/414
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab212287 in the following tested applications.

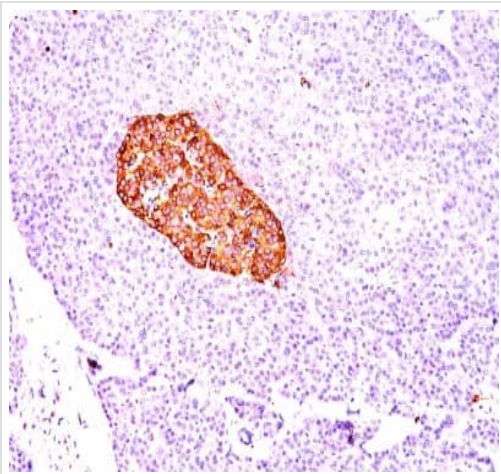
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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. (Primary incubation for 30 minutes at RT).

Target

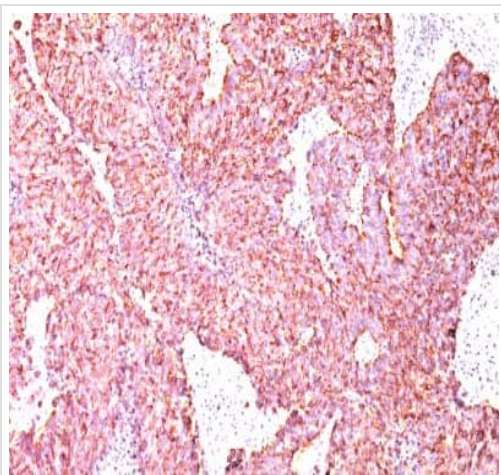
Function	Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.
Sequence similarities	Belongs to the chromogranin/secretogranin protein family.
Post-translational modifications	Sulfated on tyrosine residues and/or contains sulfated glycans. O-glycosylated with core 1 or possibly 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 formalin-fixed, paraffin-embedded Human pancreas tissue labeling Chromogranin A with ab212287 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CGA/414] - BSA and Azide free (ab212287)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human small cell lung carcinoma tissue labeling Chromogranin A with ab212287 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [CGA/414] - BSA and Azide free (ab212287)

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

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