

Product datasheet

Anti-Chromogranin A antibody [LK2H10] - BSA and Azide free ab212290

2 Images

Overview

Product name	Anti-Chromogranin A antibody [LK2H10] - BSA and Azide free
Description	Mouse monoclonal [LK2H10] to Chromogranin A - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human, Pig, Monkey Does not react with: Sheep, Rabbit, Guinea pig
Immunogen	Tissue, cells or virus corresponding to Human Chromogranin A. (Human pheochromocytoma).
Positive control	Human adrenal gland and small cell lung carcinoma tissues; PC12 cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as 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	Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	ab212290 was purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	LK2H10
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab212290** in the following tested applications.

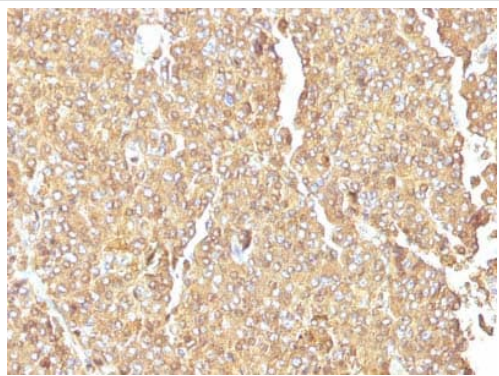
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.25 - 0.5 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

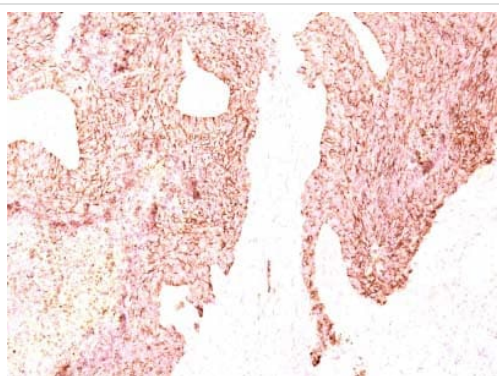
Function	Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.
Sequence similarities	Belongs to the chromogranin/secretogranin protein family.
Post-translational modifications	Sulfated on tyrosine residues and/or contains sulfated glycans. O-glycosylated with core 1 or possibly 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [LK2H10] - BSA and Azide free (ab212290)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human adrenal gland tissue labeling Chromogranin A with ab212290 at 0.5 µg/ml.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Chromogranin A antibody [LK2H10] - BSA and Azide free (ab212290)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human small cell lung carcinoma tissue labeling Chromogranin A with ab212290 at 0.5 µg/ml.

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

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
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- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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