

Chromogranin A Monoclonal Antibody

CAB9576

Description

This Chromogranin A Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB9576
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: CGA, PHE5, PHES, Chromogranin A
Clone: ARC1643
Applications: **IHC-P** | **ELISA** | **IF-P**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 1113
Uniprot: -
Host Species: Rabbit
Purification: Affinity purification
Observed MW: Refer to figures
Calculated MW: 51kDa

Preparation & Storage

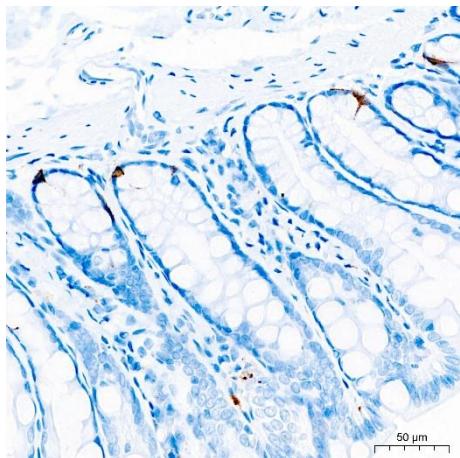
Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample:

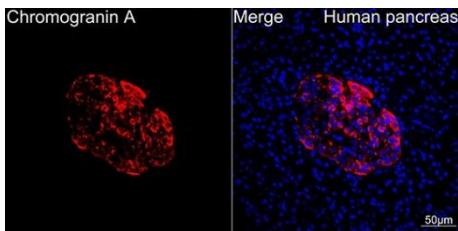
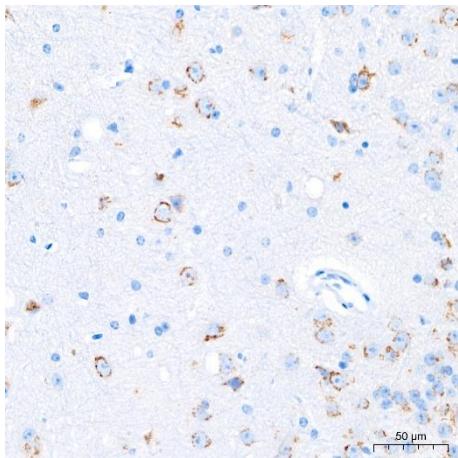
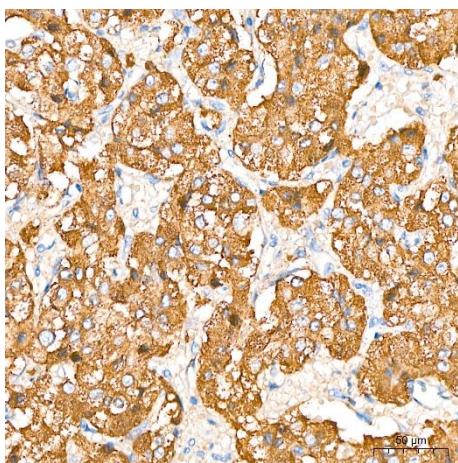
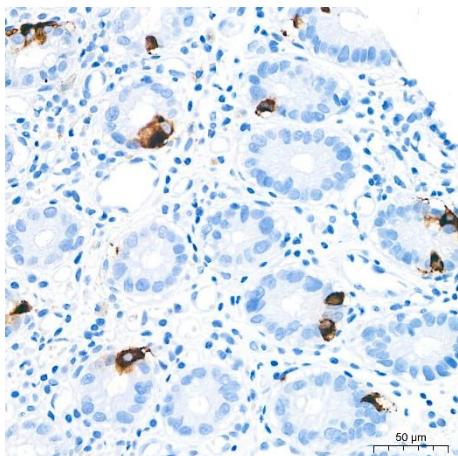
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Recommended Dilutions:	
IF-P	1:50 - 1:200
IHC-P	1:1000 - 1:5000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

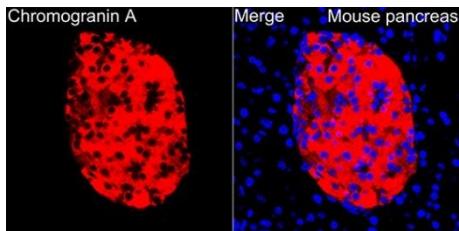
Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data

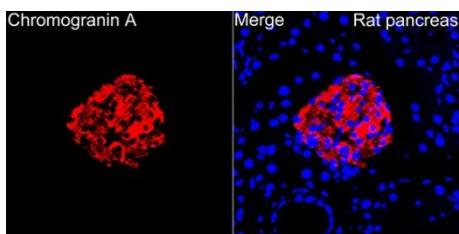


Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Chromogranin A Rabbit mAb (CAB9576) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.





Confocal imaging of paraffin-embedded Mouse pancreas tissue using Chromogranin A Rabbit mAb (CAB9576, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Rat pancreas tissue using Chromogranin A Rabbit mAb (CAB9576, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.