

# Product Datasheet

## Chromogranin A Antibody (JM103-7) NBP2-66780

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-66780**

## Chromogranin A Antibody (JM103-7)

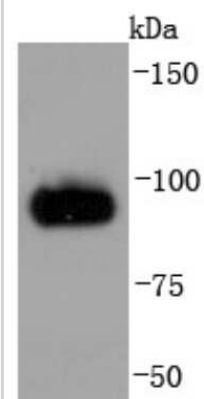
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM103-7
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	CHGA
Species	Human, Rat
Immunogen	Synthetic peptide within Human Chromogranin A aa 1-50 / 457. (SwissProt: P10645 Human; SwissProt: P26339 Mouse; SwissProt: P10354 Rat)

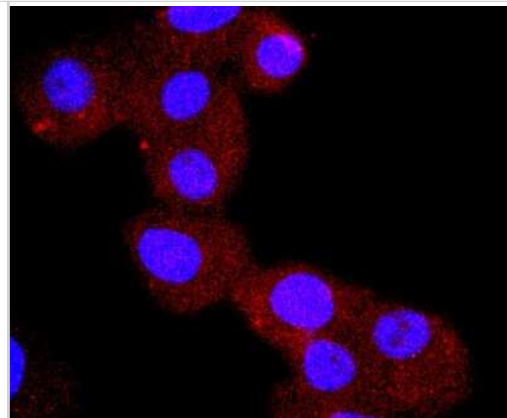
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:200-1:1000

**Images**

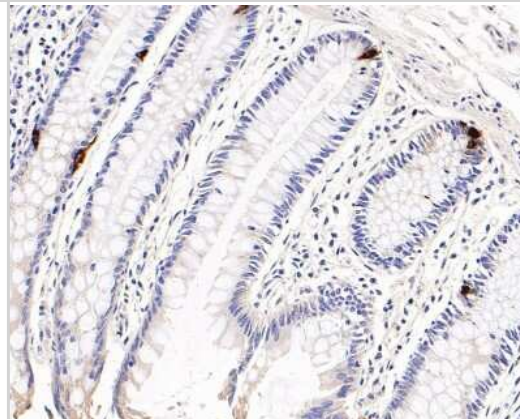
Western Blot: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Analysis of Chromogranin A on PC-12 cells lysates using anti-Chromogranin A antibody at 1/1,000 dilution.



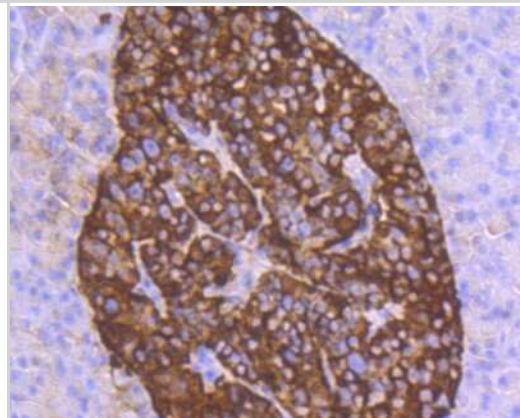
Immunocytochemistry/Immunofluorescence: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Staining Chromogranin A in PC-3M cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



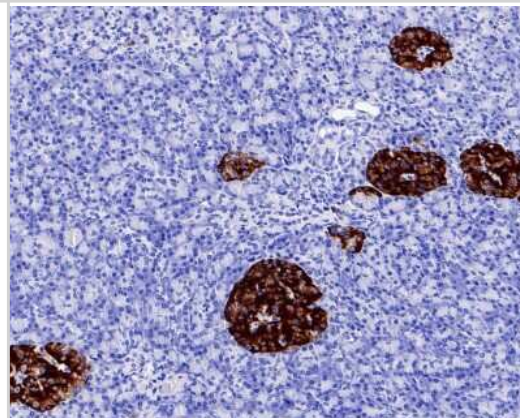
Immunohistochemistry-Paraffin: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Analysis of paraffin-embedded human colon tissue with Rabbit anti-Chromogranin A antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody 000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



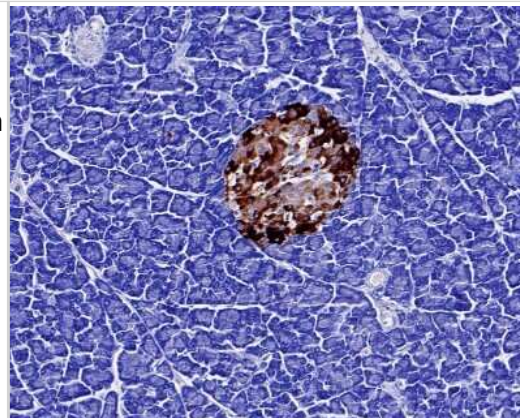
Immunohistochemistry-Paraffin: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Analysis of paraffin-embedded human pancreas tissue using anti-Chromogranin A antibody. Counter stained with hematoxylin.



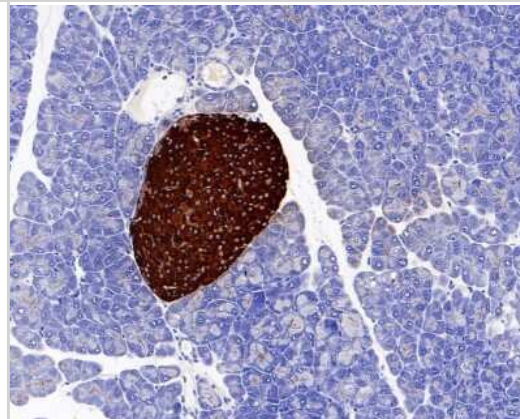
Immunohistochemistry-Paraffin: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Analysis of paraffin-embedded human pancreas tissue with Rabbit anti-Chromogranin A antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Analysis of paraffin-embedded rat pancreas tissue with Rabbit anti-Chromogranin A antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Chromogranin A Antibody (JM103-7) [NBP2-66780] - Analysis of paraffin-embedded mouse pancreas tissue with Rabbit anti-Chromogranin A antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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