

Mouse anti-Human Chromogranin A/CHGA Monoclonal Antibody | anti-CHGA antibody

Chromogranin A/CHGA (Neuroendocrine Marker) Mouse Monoclonal Antibody [Clone CHGA/4219]

CATALOG # AAA215541	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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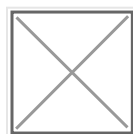
PRODUCT SYNONYMS

Chromogranin A/CHGA; Monoclonal Antibody; Chromogranin A/CHGA (Neuroendocrine Marker) Mouse Monoclonal Antibody [Clone CHGA/4219]; Chromogranin A/CHGA (Neuroendocrine Marker); Beta-Granin; CGA; CHGA; Chromogranin A Parathyroid Secretory Protein 1; ER-37; Pancreastatin; Parastatin; Pituitary Secretory Protein I; SP-I; Vasostatin I or II; anti-CHGA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	CHGA/4219
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CHGA antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (around aa23-165) of human CHGA protein (exact sequence is proprietary)
Cellular Localization	Finely granular cytoplasmic
Positive Control	PC12 cells. Adrenal gland, bowel, thyroid, pancreas, or pheochromocytoma.
Hu-chromosome Location	14q32.12
Unigene	150793
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human pancreas stained with Chromogranin A Mouse Monoclonal Antibody (CHGA/4219).

ADDITIONAL INFORMATION

Related Product Information for anti-CHGA antibody	Chromogranin A is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266.1
NCBI GenBank Nucleotide #	NM_001275.3
UniProt Accession #	P10645; Q53FA8; Q6NR84; Q96E84; Q96GL7; Q9BQB5; B2R9E9
Molecular Weight	50,688 Da
NCBI Official Full Name	chromogranin-A preproprotein
NCBI Official Synonym Full Names	chromogranin A (parathyroid secretory protein 1)
NCBI Official Symbol	CHGA
NCBI Official Synonym Symbols	CGA
NCBI Protein Information	chromogranin-A; SP-I; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A)
UniProt Protein Name	Chromogranin-A
UniProt Gene Name	CHGA
UniProt Synonym Gene Names	CgA; SP-I
UniProt Entry Name	CMGA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/chromogranin-a-chga-antibody-clone-chga-4219-immunohistochemistry-elisa/215541>