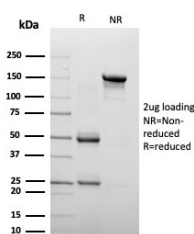


Chromogranin A Antibody [clone CHGA/4223] (V9385)

Catalog No.	Formulation	Size
V9385-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9385-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9385SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CHGA/4223
Purity	Protein A/G affinity
UniProt	P10645
Localization	Finely granular cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Chromogranin A antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Chromogranin A antibody (clone CHGA/4223) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the Chromogranin A antibody should be determined by the researcher.

Immunogen

A portion of amino acids 23-165 was used as the immunogen for the Chromogranin A antibody.

Storage

Aliquot the Chromogranin A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.