

Chromogranin A (ZR427)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human chromogranin A protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Chromogranin A (ZR427) Rabbit Monoclonal primary antibody detects Chromogranin A protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Chromogranin A protein.

Localization: Cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

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 considered an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron-specific enolase (NSE) is commonly observed in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. Notably, chromogranin positive detection in the absence of keratin expression is potentially indicative of paraganglioma development. The co-expression of chromogranin and NSE is typically reported as indicative of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Fischer-Colbrie R, et al. Neuroscience. 1985; 16:547-55.
2. Hearn SA. J Histochem Cytochem. 1987; 35:795-801.
3. Wilson BS, et al. Am J Pathol. 1984; 115:458-68.

REF Z2783RL/ Z2783RS/ Z2783RT/ Z2783RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




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RUO
(research
use only)

LOT
(lot number)

REF
(catalogue
number)


(expiry date)


(temperature
limit)


(consult
Instructions
for Use)