

Product datasheet for **DRM015**

Chromogranin A (CHGA) Rabbit Monoclonal Antibody [Clone ID: SP12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SP12
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on formalin-fixed paraffin embedded sections: dilute 1:100 in an ABC method (30 minutes at room temperature). Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. Recommended Positive Control: Pancreas
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein encoding human Chromogranin A
Specificity:	This antibody recognizes Chromogranin A. Cellular Localization: Cytoplasmic
Formulation:	State: Supernatant State: Liquid tissue culture supernatant containing sodium azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	chromogranin A
Database Link:	Entrez Gene 1113 Human P10645



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Background: Chromogranin A (a protein of 439 amino acid which is encoded on chromosome 14) 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. Coexpression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms.

Synonyms: Chromogranin-A, CgA, CHGA, SP-1