



Mouse Anti-Human Chromogranin A monoclonal antibody, clone JID655 (CABT- L2774)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Chromogranin A
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID655
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Pancreas
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA
Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Chromogranin A is localized in secretory granules of neurons and endocrine cells in tissues, including pituitary, adrenal medulla, thyroid, pancreatic islets and gastrointestinal tract. Neuroendocrine cells exhibit a fine granular immunoreactivity to Anti-Chromogranin A. It is widely recognized that co-expression of keratins and chromogranin A implies a neuroendocrine lineage. High expression of Chromogranin A and negative staining with Anti-Keratin is a possible indication of paraganglioma. Positive staining for Chromogranin A and neuron-specific enolase is representative of neuroendocrine neoplasms. Many pituitary adenomas and prolactinomas stains positively for Chromogranin A.
Keywords	CHGA;chromogranin A (parathyroid secretory protein 1);CGA;chromogranin-A;SP-I;catestatin;chromofungin;pituitary secretory protein I;parathyroid secretory protein 1;betagranin (N-terminal fragment of chromogranin A);

GENE INFORMATION

Gene Name	CHGA chromogranin A (parathyroid secretory protein 1) [Homo sapiens (human)]
Official Symbol	CHGA
Synonyms	CHGA; chromogranin A (parathyroid secretory protein 1); CGA; chromogranin-A; SP-I; catestatin; chromofungin; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A);
Entrez Gene ID	1113
Protein Refseq	NP_001266
UniProt ID	P10645
Chromosome Location	14q32