

Chromogranin A (AB1244) mouse mAb

V0260

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- Immunohistochemistry (IHC)

MW

- 51 kDa (calculated)
- 70 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1244
Immunogen	A synthetic peptide corresponding to the amino acid region 19 - 94 of the human Chromogranin A protein.
Specificity	The antibody can specifically recognize human Chromogranin A protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	CHGA
Protein Name	Chromogranin A

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P10645	1113

Background	Chromogranin A is a soluble acidic protein with a molecular weight of 48-75 kDa. It is widely expressed in neurons, neuroendocrine cells and tumor cells derived from it. It is also positive in pituitary tumors, islet cell tumors, pheochromocytoma, medullary thyroid carcinoma, parathyroid tumors, paraganglioma and carcinoid. It is mainly used to mark neuroendocrine tumors, and can also be used for the differential diagnosis of medullary thyroid carcinoma and follicular carcinoma.
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