

Chromogranin A (AB2385) mouse mAb

W0299

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

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

Isotype

- IgG

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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	AB2385
Immunogen	A synthetic peptide corresponding to the amino acid region 19 - 94 of the human Chromogranin A protein.
Specificity	This antibody detects endogenous levels of 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

The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014],