

Recombinant Chromogranin A/CHGA/CGA Monoclonal Antibody

catalog number: **AN300073P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

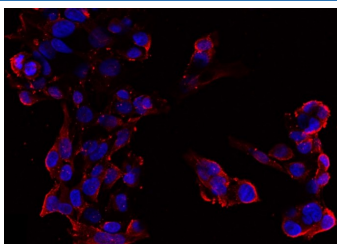
Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to the N-terminus of the human Chromogranin A/CHGA/CGA
Host	Rabbit
Isotype	IgG
Clone	A1183
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

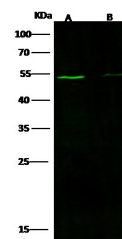
WB	1:500-1:1000
ICC/IF	1:20-1:100

Data



Immunofluorescence analysis of CHGA in HepG2 cells.

Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human CHGA Monoclonal Antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI for nuclear staining (blue). Positive staining was localized to Cytoplasm.



Western Blot with Chromogranin A/CHGA/CGA Monoclonal Antibody at dilution of 1:500. Lane A: HepG2 Whole Cell Lysate, Lane B: SH-SY5Y Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:50 kDa
Calculated-MW:50 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Human Chromogranin A (CHGA) an acidic protein and a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is located in secretory vesicles of neurons and endocrine cells such as islet beta cell secretory granules in pancreas. Chromogranin A expression has been observed in neuroendocrine tumors, medullary thyroid carcinoma, as well as carcinoid tumors.

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