

# Chromogranin A Monoclonal antibody

Catalog Number: 60135-1-Ig **11 Publications**

## Basic Information

**Catalog Number:**

60135-1-Ig

**Concentration:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG0807

**GenBank Accession Number:**

BC006459

**GeneID (NCBI):**

1113

**UNIPROT ID:**

P10645

**Full Name:**

chromogranin A (parathyroid secretory protein 1)

**Calculated MW:**

51 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

3H11C11

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IHC, IF

**Species Specificity:**

human, mouse, rat, pig

**Cited Species:**

human, mouse

## Background Information

Chromogranin A is a member of the granin family of neuroendocrine secretory proteins. It is located in secretory vesicles of neurons and endocrine cells. Chromogranin A is the precursor to several functional peptides including vasostatin, pancreastatin, catestatin and parastatin. These peptides negatively modulate the neuroendocrine function of the releasing cell (autocrine) or nearby cells (paracrine). CgA is one of the most used tumor markers in NET's (neuroendocrine tumors), and elevated CgA concentrations have been demonstrated in serum or plasma of patients with different types of these tumors.

## Notable Publications

Author	Pubmed ID	Journal	Application
Guifang He	33000273	Oncol Rep	WB
Qiuli Liu	33009820	J Pathol	WB, IHC
Trine Maxel	31197210	Sci Rep	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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