

Datasheet for ABIN1724755
anti-Chromogranin A antibody (AA 87-252)

5 Images

2 Publications

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Overview

Quantity:	100 µL
Target:	Chromogranin A (CHGA)
Binding Specificity:	AA 87-252
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Chromogranin A antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CHGA (AA: 87-252) expressed in E. coli.
Clone:	1A6B6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Chromogranin A (CHGA)
Alternative Name:	CHGA (CHGA Products)
Background:	Description: 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

Target Details

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. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. However, biological activities for these molecules have not been shown. , ,

Aliases: CGA

Molecular Weight: 50.7 kDa

Gene ID: 1113

HGNC: 1113

Pathways: [Negative Regulation of Hormone Secretion](#), [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:50, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

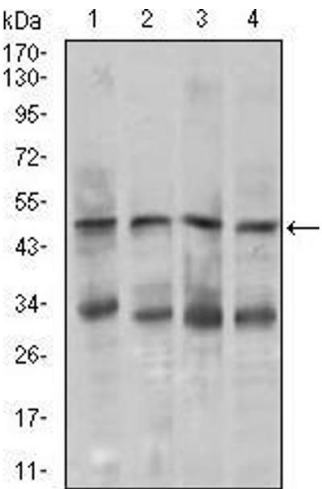
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

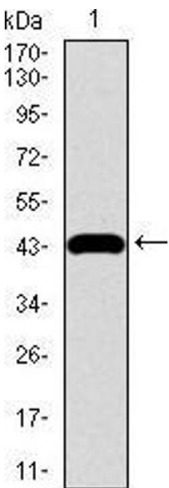
Product cited in: Nunez, Siegal, Reddy, Wei: "CD138 (syndecan-1) expression in bone-forming tumors." in: **American journal of clinical pathology**, Vol. 137, Issue 3, pp. 423-8, (2012) ([PubMed](#)).

Karasneh, Ali, Shukla: "An important role for syndecan-1 in herpes simplex virus type-1 induced cell-to-cell fusion and virus spread." in: **PLoS ONE**, Vol. 6, Issue 9, pp. e25252, (2011) ([PubMed](#)).



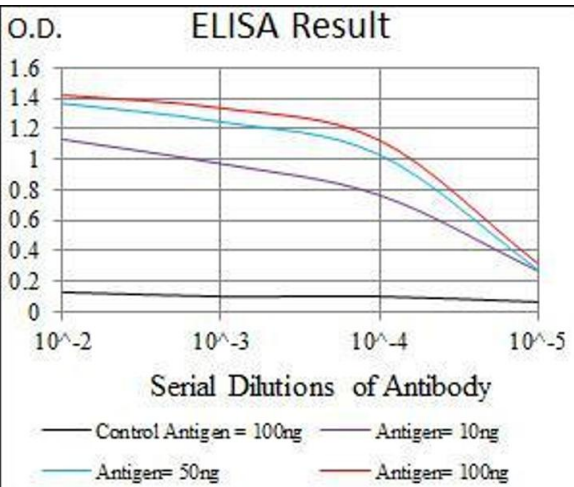
Western Blotting

Image 1. Western blot analysis using CHGA mouse mAb against MOLT4 (1), SK-N-SH (2), HepG2 (3), and PC-12 (4) cell lysate.



Western Blotting

Image 2. Western blot analysis using CHGA mAb against human CHGA recombinant protein. (Expected MW is 43.6 kDa)



ELISA

Image 3. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1724755.