

Datasheet for ABIN969392
anti-Mammaglobin A antibody

4 Images

2 Publications

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Mammaglobin A (SCGB2A2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Mammaglobin A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human SCGB2A2 expressed in E. coli.
Clone:	3C8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Mammaglobin A (SCGB2A2)
Alternative Name:	SCGB2A2 (SCGB2A2 Products)
Background:	Description: Mammaglobin is a gene that is expressed almost exclusively in the normal breast epithelium and human breast cancer. It is a member of the secretoglobulin gene family and forms a heterodimer with lipophilin B. It has been suggested that mammaglobin may be a

Target Details

useful marker for breast cancer clinical research. Studies investigating the detection of mRNA by RT PCR from circulating carcinoma cells in the peripheral blood of breast cancer patients have shown that mammaglobin is a highly specific marker and correlates with several prognostic factors, such as lymph node involvement. Tissue specificity: Mammary gland specific. Over-expressed in breast cancer.

Aliases: MGB1, UGB2, MGC71974, SCGB2A2

Molecular Weight:	11 kDa
-------------------	--------

Gene ID:	4250
----------	------

HGNC:	4250
-------	------

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Buffer:	Ascitic fluid containing 0.03 % sodium azide.
---------	---

Preservative:	Sodium azide
---------------	--------------

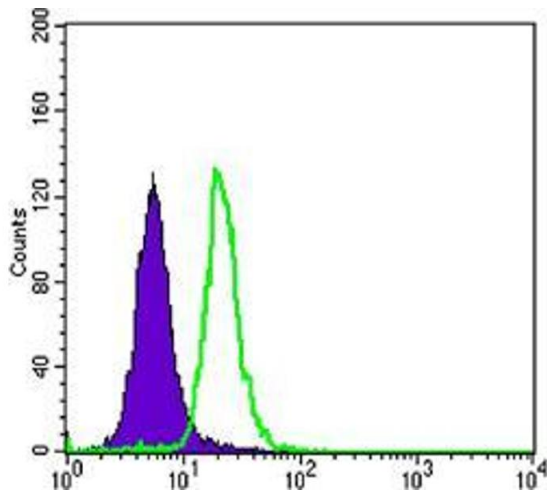
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

Storage:	4 °C/-20 °C
----------	-------------

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

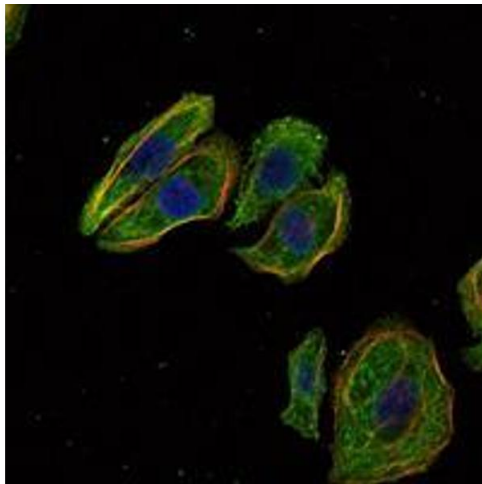
Publications

Product cited in:	Li, Xia, Huang, Chen, Su, Li, Wang, Ding, Shao: "A strategy to rapidly identify the functional targets of microRNAs by combining bioinformatics and mRNA cytoplasmic/nucleic ratios in culture cells." in: FEBS letters , Vol. 584, Issue 14, pp. 3198-202, (2010) (PubMed).
-------------------	---



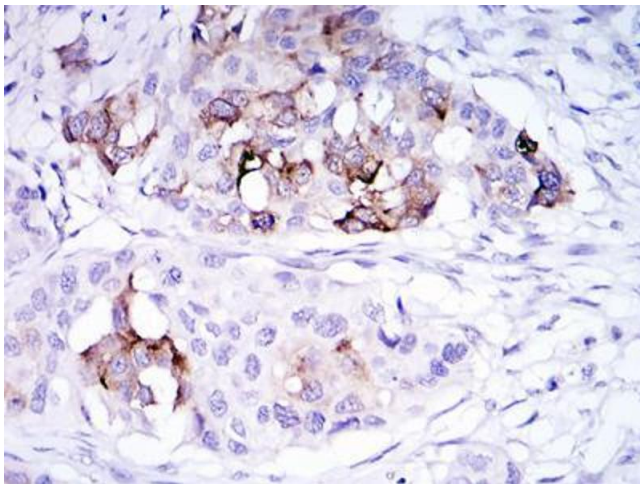
Flow Cytometry

Image 1. Flow cytometric analysis of SK-BR-3 cells using SCGB2A2 mouse mAb (green) and negative control (purple).



Immunofluorescence

Image 2. Immunofluorescence analysis of Hela cells using SCGB2A2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded mammary cancer tissues using SCGB2A2 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN969392.