

## SCGB2A2 monoclonal antibody

Catalog: MB21395

Host: Mouse

Reactivity: Human

### BackGround:

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 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

11kDa

### Swiss-Prot:

Q13296

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1/200 - 1/1000 IF:1/200 - 1/1000 FC:1/200 - 1/400

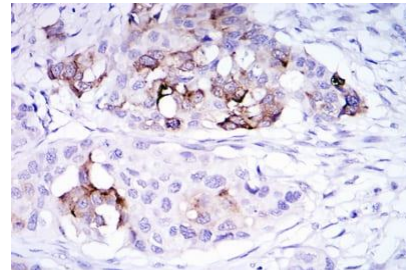
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

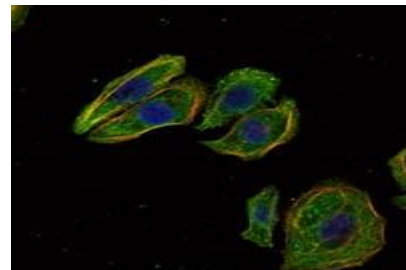
### Isotype:

Mouse IgG1

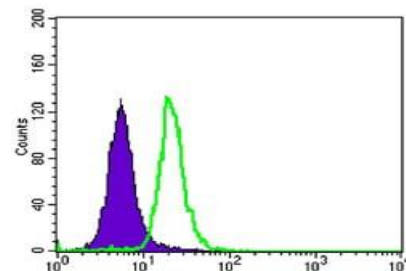
### DATA:



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



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.



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

### Note:

For research use only, not for use in diagnostic procedure.

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