

Mouse anti-Human SCGB2A2 Antibody | anti-SCGB2A2 antibody

SCGB2A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108779	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

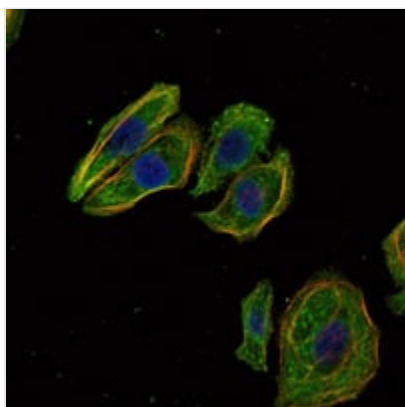
PRODUCT SYNONYMS

SCGB2A2; SCGB2A2 Antibody; MGB1; UGB2; MGC71974; anti-SCGB2A2 antibody

PRODUCT SPECIFICATIONS

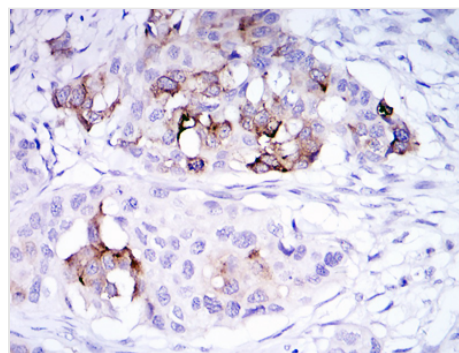
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	3C8
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	93
Applicable Applications for anti-SCGB2A2 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human SCGB2A2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



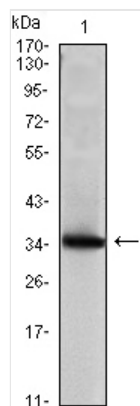
IF (Immunofluorescence)

Figure 3: 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.



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded mammary cancer tissues using SCGB2A2 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1: Western blot analysis using SCGB2A2 mouse mAb against SCGB2A2 recombinant protein (1).

ADDITIONAL INFORMATION

Related Product Information for anti-SCGB2A2 antibody	Mammaglobin is a gene that is expressed almost exclusively in the normal breast epithelium and human breast cancer. It is a member of the secretoglobin 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 Categories/Family for anti-SCGB2A2 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505169
NCBI GeneID	4250
NCBI Accession #	NP_002402.1
NCBI GenBank Nucleotide #	NM_002411.3
UniProt Accession #	Q13296 ; Q86WH8 ; A1A522
Molecular Weight	11kDa
NCBI Official Full Name	mammaglobin-A
NCBI Official Synonym Full Names	secretoglobin family 2A member 2
NCBI Official Symbol	SCGB2A2
NCBI Official Synonym Symbols	MGB1; UGB2
NCBI Protein Information	mammaglobin-A
UniProt Protein Name	Mammaglobin-A
UniProt Gene Name	SCGB2A2
UniProt Synonym Gene Names	MGB1; UGB2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.