

Mouse SCGB2A2 Monoclonal Antibody | anti-SCGB2A2 antibody

SCGB2A2 antibody

CATALOG # AAA106444	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

SCGB2A2; Monoclonal Antibody; SCGB2A2 antibody; Monoclonal SCGB2A2; Anti-SCGB2A2; SCGBA 2; Mammaglobin; Mammaglobin 1; SCGBA-2; Secretoglobin family 2A member 2; Mammaglobin A; MGB1; UGB2; anti-SCGB2A2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3C8
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	120
Applicable Applications for anti-SCGB2A2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	Mammaglobin 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.
Cross-Reactivity	Human
Immunogen	SCGB2A2 antibody was raised in Mouse using a purified recombinant fragment of human SCGB2A2 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mammary cancer tissues using SCGB2A2 antibody with DAB staining.



WB (Western Blot)

Western Blot showing SCGB2A2 antibody used against human SCGB2A2 (AA: 2-93) recombinant protein. (Expected MW is 35.8 kDa)

ADDITIONAL INFORMATION

Related Product Information for anti-SCGB2A2 antibody	Mouse monoclonal SCGB2A2 antibody
Product Categories/Family for anti-SCGB2A2 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	45501311
NCBI GeneID	4250
UniProt Accession #	Q6NX70; Q13296
Molecular Weight	13,289 Da
NCBI Official Full Name	SCGB2A2 protein
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 Entry Name	Q6NX70_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/scgb2a2-antibody-clone-3c8-western-blot-immunohistochemistry-immunofluorescence-elisa/106444>