

Mouse anti-Human Mammaglobin (SCGB2A2) Monoclonal Antibody | anti-SCGB2A2 antibody

Mammaglobin (SCGB2A2) (Breast Cancer Marker) Recombinant Mouse Monoclonal Antibody [Clone rMGB/4299]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215798	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

Mammaglobin (SCGB2A2); Monoclonal Antibody; Mammaglobin (SCGB2A2) (Breast Cancer Marker) Recombinant Mouse Monoclonal Antibody [Clone rMGB/4299]; Mammaglobin (SCGB2A2) (Breast Cancer Marker); Mammaglobin-1 (MGB1); Mammaglobin-A; Secretoglobin family 2A member 2 (SCGB2A2); SG2A2; UGB2; anti-SCGB2A2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a, kappa
Clone Number	rMGB/4299
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-SCGB2A2 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Stable CHO cell line producing antibody against Mammaglobin.
Cellular Localization	Cytoplasmic, cell surface and nuclear
Positive Control	HeLa, MCF-7 or T47D cells. Human breast carcinoma.
Hu-chromosome Location	11q12.3
Unigene	46452
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human breast carcinoma stained with Mammaglobin
Recombinant Mouse Monoclonal Antibody (rMGB/4299).

ADDITIONAL INFORMATION

Related Product Information for anti-SCGB2A2 antibody	Mammaglobin is a 93 amino acid glycoprotein with homology to other secretoglobin-uteroglobin family members. It was originally identified as a breast cancer restricted biomarker by differential screening. Mammaglobin related to secretoglobin family that includes human uteroglobin and lipophilin. Mammaglobin antibody stains cytoplasm of normal breast epithelial cells as well as primary and metastatic breast carcinomas. Mammaglobin expression is absent in prostate, kidney, colon, rectum, small intestine, stomach, pancreas, lung, and thyroid tissues. Mammaglobin may be used as part of an immunohistochemical panel for determination of metastatic breast carcinoma and tumor of unknown primary origin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505169
NCBI GeneID	4250
NCBI Accession #	NP_002402.1
NCBI GenBank Nucleotide #	NM_002411.2
UniProt Accession #	Q13296; Q86WH8; A1A522
Molecular Weight	10,499 Da
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; mammaglobin 1; mammaglobin A; mammaglobin-1
UniProt Protein Name	Mammaglobin-A
UniProt Gene Name	SCGB2A2
UniProt Synonym Gene Names	MGB1; UGB2
UniProt Entry Name	SG2A2_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.