

Rabbit Mammaglobin Monoclonal Antibody | anti-SCGB2A2 antibody

Mammaglobin (SCGB2A2) (Breast Cancer Marker)

CATALOG # AAA214777	HOST Rabbit	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Mammaglobin; Monoclonal Antibody; Mammaglobin (SCGB2A2) (Breast Cancer Marker); Mammaglobin-1 (MGB1); Mammaglobin-A; Secretoglobin family 2A member 2 (SCGB2A2); SG2A2; UGB2; anti-SCGB2A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	MGB1/2123R
Specificity	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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
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.
Sequence Length	90
Applicable Applications for anti-SCGB2A2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length human Mammaglobin (SCGB2A2) protein
Positive Control	SK-BR-3 Cells or Breast Carcinoma
Cellular Localization	Cytoplasmic, Cell Surface and Nuclear
Chromosome Location	11q12.3
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



SDS-PAGE
SDS-PAGE Analysis Purified Recombinant Rabbit Monoclonal Ab (MGB1/2123R) to Mammaglobin. Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Rabbit Recombinant Monoclonal Antibody (MGB1/2123R) to Mammaglobin.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Rabbit Recombinant Monoclonal Antibody (MGB1/2123R) to Mammaglobin.

ADDITIONAL INFORMATION

Related Product Information for anti-SCGB2A2 antibody	Recombinant Rabbit Monoclonal Antibody
References	Watson MA, Dintzis S, Darrow CM, Voss LE, DiPersio J, Jensen R, Fleming TP. Mammaglobin expression in primary, metastatic, and occult breast cancer. Cancer Res. 1999; 59:3028-3031.

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	18kDa
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.