

Rabbit anti-Human, Rat Mammaglobin Polyclonal Antibody | anti-MGB1 antibody

Mammaglobin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320846	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Mammaglobin; Polyclonal Antibody; Mammaglobin Antibody; Mammaglobin 1; Mammaglobin-1; Mammaglobin-A; Scgb2a2; Secretoglobin family 2A member 2; SG2A2; SG2A2_HUMAN; UGB2; anti-MGB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Mammaglobin antibody detects endogenous levels of total Mammaglobin
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	93
Applicable Applications for anti-MGB1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Mammaglobin
Tissue Specificity	Mammary gland specific. Over-expressed in breast cancer.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA320846 at 1/100 staining human breast carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA320846 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

**WB (Western Blot)**

Western blot analysis of extracts from mouse lung, using Mammaglobin Antibody.

**WB (Western Blot)**

Western blot analysis on HepG2 cell lysate using Mammaglobin Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MGB1 antibody

Description: SCGB2A2 Belongs to the secretoglobin family. Lipophilin subfamily. 2 isoforms of the human protein are produced by alternative splicing.
Similarity: Belongs to the secretoglobin family. Lipophilin subfamily.

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	Observed: 20 kDa Predicted: 11 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mammaglobin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320846>