

Product datasheet for **AM09327SU-L**

Mammaglobin A (SCGB2A2) Rabbit Monoclonal Antibody [Clone ID: 31A5]

Product data:

Product Type: Primary Antibodies

Clone Name: 31A5

Applications: IHC

Recommended Dilution: **Immunohistochemistry on Frozen Sections.**
Immunohistochemistry on Paraffin Sections.

Recommended Dilution: 1/100-1/500.

Positive Control: Breast carcinoma.

Preparation and Pretreatment

1. Cut 3-4 μm section of formalin-fixed paraffin-embedded tissue and place on positively charged slides; dry overnight at 58°C.

2. Deparaffinize, rehydrate, and epitope retrieve; the preferred method is the use of Heat Induced Epitope Retrieval (HIER) techniques in conjunction with a pressure cooker. The preferred method allows for simultaneous deparaffinization, rehydration, and epitope retrieval. Upon completion, rinse with 5 changes of distilled or deionized water.

3. If using HRP detection system, place slides in peroxide block for 10 minutes; rinse. If using AP detection system, omit this step.

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Monoclonal

Specificity: This Mammaglobin antibody clone 31A5 reacts with Human Mammaglobin A (10 kDa), 31A5 has been shown to be effective in detecting up to 85% of breast carcinomas via Immunohistochemistry on Paraffin Embedded tissues.

Cellular Localization: Cytoplasmic.

Formulation: PBS, pH 7.4

State: Supernatant

State: Liquid Tissue Culture Supernatant

Stabilizer: 0.9% BSA

Preservative: 0.09% Sodium Azide

Conjugation: Unconjugated



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Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	secretoglobin family 2A member 2
Database Link:	Entrez Gene 4250 Human Q13296
Background:	Mammaglobin is a 10,000 kD glycoprotein with unknown function identified in a substantial proportion of primary and metastatic breast carcinomas. Mammaglobin mRNA is present in high levels in human breast cancer cell lines and primary breast cancers but not normal breast tissues. High levels of mRNA have been detected in normal human sweat glands as well, but are not found in sweat gland tumors.
Synonyms:	Mammaglobin-A, Mammaglobin-1, Secretoglobin family 2A member 2, MGB1, UGB2, Prostatein peptide C3, Prostatic steroid-binding protein C3