

# Mammaglobin B Polyclonal antibody

Catalog Number: 21211-1-AP

## Basic Information

**Catalog Number:**

21211-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG15609

**GenBank Accession Number:**

BC062218

**GeneID (NCBI):**

4246

**UNIPROT ID:**

O75556

**Full Name:**

secretoglobin, family 2A, member 1

**Calculated MW:**

95 aa, 11 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human

**Positive Controls:**

**IHC** : human ovary tumor tissue, human breast cancer tissue

**Note-IHC:** suggested antigen retrieval with **TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Mammaglobin B, also referred to as secretoglobin family 2A member 1 (SCGB2A1), is a member of the uteroglobin superfamily. SCGB2A1 has been identified as a candidate biomarker for the detection of lymph node micrometastases in breast cancer and abdominal cancer types. SCGB2A1 has been considered as a promising diagnostic marker for occult tumor cells in effusions of several malignancies and as a potential immunotherapeutic target in ovarian cancer.

## Storage

**Storage:**

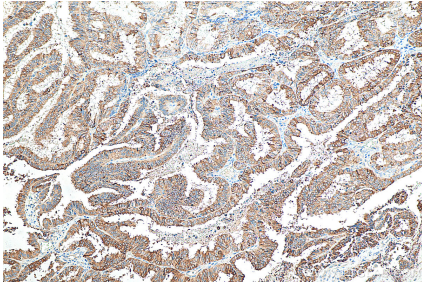
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

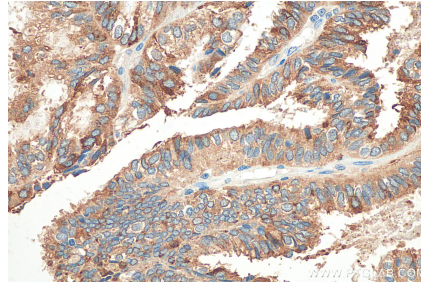
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 21211-1-AP (Mammaglobin B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 21211-1-AP (Mammaglobin B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).