

For Research Use Only

# Mammaglobin B Polyclonal antibody

Catalog Number: 21211-1-AP



## Basic Information

### Catalog Number:

21211-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;

### 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

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

### Positive Controls:

IHC : human ovary tumor tissue, human breast cancer tissue

## 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

\*\*\* 20ul sizes contain 0.1% BSA

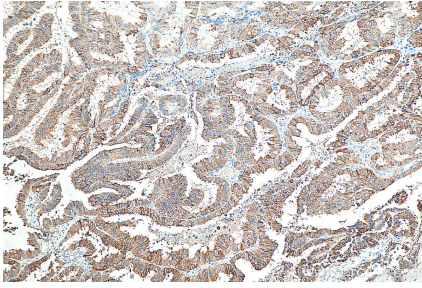
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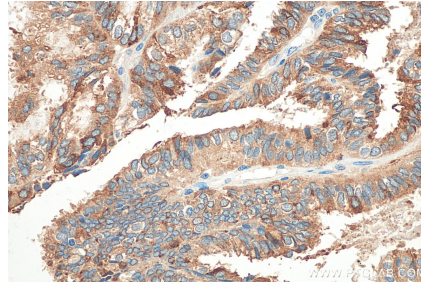
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## Selected Validation Data



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).