

For Research Use Only

# Mammaglobin A Monoclonal antibody



Catalog Number: 60260-1-Ig

## Basic Information

<b>Catalog Number:</b> 60260-1-Ig	<b>GenBank Accession Number:</b> BC067220	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4250	<b>CloneNo.:</b> 1A3A2
<b>Source:</b> Mouse	<b>Full Name:</b> secretoglobin, family 2A, member 2	
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 120 aa, 13 kDa	
<b>Immunogen Catalog Number:</b> AG20122		

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

SCGB2A2, also known as mammaglobin A, is a member of the secretoglobin superfamily. It is a breast cancer-associated antigen almost exclusively over-expressed in primary and metastatic human breast cancers, making it a specific molecular marker and a potential therapeutic target for breast cancer. SCGB2A2 is a 93-amino acid protein with a calculated molecular weight of 10.5 kDa. This monoclonal antibody is raised against the C-terminal 71 amino acids of the protein encoded by a cDNA (MGC:71974; BC067220). It can react with the antigen that induced its production, however, it can not recognize the 93-amino acid protein of SCGB2A2.

## 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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data