



## Rabbit Anti-Mammaglobin A antibody

SL4684R

<b>Product Name:</b>	Mammaglobin A
<b>Chinese Name:</b>	乳腺珠蛋白1抗体
<b>Alias:</b>	Mammaglobin 1; Mammaglobin A; Mammaglobin-1; Mammaglobin-A; MGB 1; MGB1; Prostatein C3 subunit; prostatein peptide C3; Prostatic steroid binding protein, allele C3(1); SCGB2A2; Secretoglobin; Secretoglobin Family 2A Member 2; SG2A2; UGB 2; UGB2; Uteroglobin; Psbpc3.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Mouse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	8.4kDa
<b>Cellular localization:</b>	Extracellular matrixSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from mouse Mammaglobin A:41-96/96
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Mammaglobin is a gene that is expressed almost exclusively in the normal breast epithelium and human breast cancer. It is a member of the secretoglobin gene family and forms a heterodimer with lipophilin B. It has been suggested that mammaglobin may be a useful marker for breast cancer clinical research. Studies investigating the

detection of mRNA by RT PCR from circulating carcinoma cells in the peripheral blood of breast cancer patients have shown that mammaglobin is a highly specific marker and correlates with several prognostic factors, such as lymph node involvement.

**Tissue Specificity:**

Mammary gland specific. Over-expressed in breast cancer.

**Similarity:**

Belongs to the secretoglobin family. Lipophilin subfamily.

**SWISS:**

Q13296

**Gene ID:**

4250

**Database links:**

[Entrez Gene: 4250](#)Human

[Entrez Gene: 100040203](#)Mouse

[Entrez Gene: 361725](#)Rat

[Omim: 605562](#)Human

[SwissProt: Q13296](#)Human

[Unigene: 46452](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

乳腺球蛋白是一个乳腺相关glycoprotein, 它是一个分泌素家族(包括子宫球蛋白和lipophilin)成员的远亲。与其他分泌素家族成员不同, 乳腺球蛋白的mRNA在乳腺组织中特异表达。在石蜡组织切片的检测中, 该抗体检测乳腺癌组织中的乳腺球蛋白敏感度高达80%。当和其他乳腺特异标记如GCDFP-

15联合应用时, 检测乳腺球蛋白敏感度高达84%。有资料表明检测乳腺球蛋白, 在鉴定原发癌是否发生转移中起到至关重要的作用。