

AbboMax, Inc

Innovation at Work

Rabbit anti Mammaglobin Antibody

Synonym: Mammaglobin, secretoglobin, SCGB2A2 protein

Order Information

Description: Rabbit anti Mammaglobin
Catalogue#: 602-500
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB, IHC
Reactivity: Hu.

ANTIGEN PREPARATION

A synthetic peptide corresponding to the inter-sequence of human mammaglobin protein.

BACKGROUND

Mammaglobin and lopophilin B, formed a covalent complex, belong to the secretoglobin superfamily. Mammaglobin has been currently discovered as a promising diagnostic marker for breast cancer. The mammaglobin/lipophilin B complex determination may be used a novel protein-based serological marker for breast cancer.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification.

SPECIFICITY

This antibody only recognizes ~10 kDa of human mammaglobin. The other species are not tested.

FORMULATION

This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C . The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

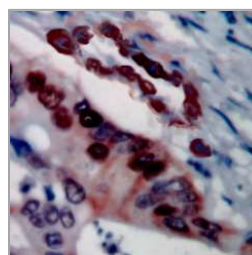
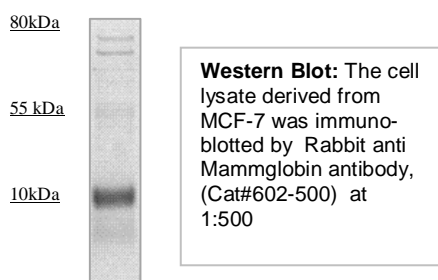
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 $\mu\text{g/ml}$
ELISA	0.01-0.1 $\mu\text{g/ml}$
Immunoprecipitation	2-5 $\mu\text{g/ml}$
IHC	0.5-2 $\mu\text{g/ml}$
Flow cytometry	Not tested

MOLECULAR WEIGHT:	10 kDa
POSITIVE CONTROL:	MCF-7
CELLULAR LOCATION:	Cytoplasmic

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



IHC: Human breast cancer tissue stained with Anti-Mammaglobin antibody, (Cat# 602-500) at 1:100 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

Sugita Y et al, Mammaglobin B gene as a novel marker for lymph node micrometastasis in patients with abdominal cancers. *Cancer Letters*, Volume 150, Issue 1, 13 March 2000, Pages 79-84

FOR RESEARCH USE ONLY.

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