Rabbit anti Mammaglobin Antibody
Synonym: Mammaglobin, secretoglobin, SCGB2A2 protein

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 as 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.

APPLICATIONS/SUGGESTED WORKING DILUTIONS

<table>
<thead>
<tr>
<th>Method</th>
<th>Dilution</th>
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</thead>
<tbody>
<tr>
<td>Western Blot</td>
<td>0.1-1 µg/ml</td>
</tr>
<tr>
<td>ELISA</td>
<td>0.01-0.1 µg/ml</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td>2-5 µg/ml</td>
</tr>
<tr>
<td>IHC</td>
<td>0.5-2 µg/ml</td>
</tr>
<tr>
<td>Flow cytometry</td>
<td>Not tested</td>
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</tbody>
</table>

MOLECULAR WEIGHT: 10 kDa
POSITIVE CONTROL: MCF-7
CELLULAR LOCATION: Cytoplasmic
Optimal dilutions should be determined by researchers for the specific applications.

REFERENCES