product information

**Background**
Mammaglobin is a 93 amino acids peptide belonging to the secretoglobin superfamily. Mammaglobin is expressed by normal breast and skin tissues and is over-expressed in many human breast cancer tumours. In breast tissue, mammaglobin is expressed as a secreted heterodimer together with the other secretoglobin member lipophilin B.

**Protein synonyms:** Mammaglobin-1, Secretoglobin family 2A member 2

**Immunogen**
KLH-conjugated 16 amino acids-long synthetic peptide derived from C-terminal sequence of human mammaglobin Q13296

**Host**
Rabbit

**Clonality**
Polyclonal

**Purity**
Affinity purified serum

**Format**
Lyophilized in PBS pH 7.4

**Quantity**
100 µg

**Reconstitution**
For reconstitution add 238 µl of sterile water.

**Storage**
Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

**Tested applications**
Immunohistochemistry (IHC), Formalin/PFA-fixed paraffin-embedded sections (IHC-P), Western blot (WB)

**Related products**
AS03 029S | Mammaglobin blocking peptide

**Additional information**
No cross-reactivity to lipophilin A, lipophilin B (BU101), lipophilin C (lacryglobin, mammaglobin B), or uteroglobin (Clara cell protein, Clara cell 10 kDa protein) by Western blot analysis of bacterially produced recombinant proteins. Western blot analysis of human breast cancer cells MDA-MB-415 reveals only the mammaglobin band of approximately 15 kDa. Analysis of other cells and tissues might, however, upon prolonged exposure, reveal additional bands at higher molecular weight.

**Application information**

**Recommended dilution**
1 µg/ml (IHC-P), 1 µg/ml (WB)

**Expected | apparent MW**
10.5 | 15 kDa

**Confirmed reactivity**
Human

**Predicted reactivity**
Human

**Not reactive in**
No confirmed exceptions from predicted reactivity are currently known.

**Selected references**