

Anti-Mammaglobin, mouse monoclonal (BS17)

BSH-7589-100 (0,1ml), BSH-7589-1 (1 ml)



Clonality:	Mouse monoclonal antibody
Clone:	BS17
Application:	IHC-P (1:100 – 1:400)
Species Reactivity:	Human
Control tissues:	Skin (sweat glands), breast cancer
Buffer:	TRIS with 0.03% sodium azide, pH 7,2
Storage:	Store at 4°C

Description

Mammaglobin is a gene that is expressed almost exclusively in the normal breast epithelium and human breast cancer. It is a member of the secretoglobulin 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. Mammaglobin is mammary gland specific and it over expressed in breast cancer.

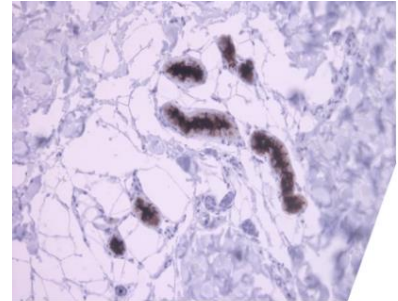
Protocol

After paraffin removing and rehydration:

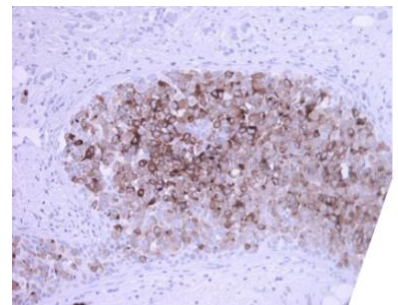
1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: Mammaglobin 1:100 – 1:400, 30 min.
4. Wash
5. 3% H₂O₂, 10 min.*
6. Wash
7. BioSite Histo HRP One-Step Polymer (KDB-10007), 30 min
8. Wash
9. Wash
10. DAB high contrast Kit (BCB-20032), 10 min
11. Aqua
12. CuSO₄ -post enhancement, 5 min
13. Aqua
14. Counter staining in diluted Mayer, 1 min
15. Bluing, 7 min in tap water
16. Dehydration, clearing and mounting

Dilution of this concentrated antibody depends on the detection system used and the final working dilution need to always be determined by the user.

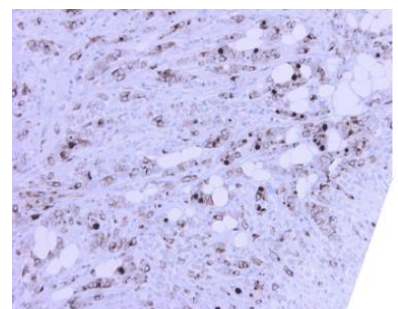
* Optional; Endogenous peroxidase blocking can also be done before primary antibody incubation.



Skin section has been stained using mammaglobin antibody (Clone: BS17) with 1:200 dilution. Sweat glands and lumen of sweat glands have strong label.



Breast carcinoma section has been stained using mammaglobin antibody (Clone: BS17) with 1:200 dilution. Most of the carcinoma cells have strong to moderate staining reaction.



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