

Rabbit Anti-Mammaglobin [MD238R]: RM0097, RM0097RTU7

Intended Use: For Research Use Only

Description: The Mammaglobin gene encodes a 10-kDa glycoprotein that is homolog to human Clara cell 10-kDa protein (CC10)/uteroglobin, SCGB2A2. Expression of the mammaglobin gene is highly restricted to the adult mammary gland. Antibody to Mammaglobin labels normal breast epithelial cells and breast tumor cells. It is a useful marker for identification of primary and metastatic breast cancer.

Specifications

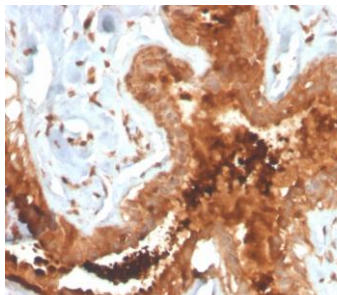
Clone: MD238R
 Source: Rabbit
 Isotype: IgG
 Reactivity: Human
 Immunogen: Recombinant full-length human Mammaglobin protein
 Localization: Cytoplasm
 Formulation: Purified antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
 Storage: Store at 2°- 8°C
 Applications: IHC
 Package:

Description	Catalog No.	Size
Mammaglobin Concentrated	RM0097	1 ml
Mammaglobin Prediluted	RM0097RTU7	7 ml

IHC Procedure*

Positive Control Tissue: Breast, breast cancer
 Concentrated Dilution: 50-200
 Pretreatment: Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human breast carcinoma stained with anti-Mammaglobin using DAB

References:

1. GATA-3 is superior to GCDFFP-15 and mammaglobin to identify primary and metastatic breast cancer. Ni YB, et al. Breast Cancer Res Treat. May;169(1):25-32, 2018.
2. Comparative Sensitivities and Specificities of Antibodies to Breast Markers GCDFFP-15, Mammaglobin A, and Different Clones of Antibodies to GATA-3: A Study of 338 Tumors Using Whole Sections. Kandalajt PL, et al. Appl Immunohistochem Mol Morphol. Oct;24(9):609-614, 2016.
3. Cloning expression, monoclonal antibody preparation and serologic study of mammaglobin in breast cancer. Huang Y, et al. Neoplasma. 58(5):436-40, 2011.
4. Immunohistochemical expression and correlation of mammaglobin with the grading system of breast carcinoma. Rehman F, et al. Indian J Pathol Microbiol. Oct-Dec;53(4):619-23, 2010.