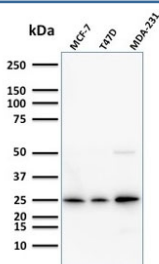


Mammaglobin Antibody / SCGB2A2 [clone SPM518] (V7951)

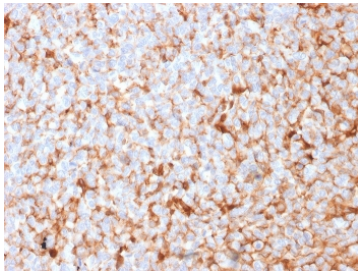
Catalog No.	Formulation	Size
V7951-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7951-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7951SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

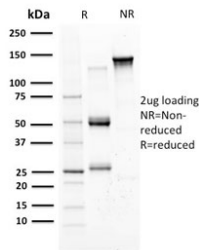
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM518
Purity	Protein G affinity chromatography
UniProt	Q13296
Localization	Cytoplasmic, cell surface, nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Mammaglobin antibody is available for research use only.



Western blot testing of human samples with Mammaglobin antibody (clone SPM518).
Expected molecular weight: 10-21 kDa depending on level of glycosylation.



IHC testing of FFPE human breast carcinoma stained with Mammaglobin antibody (clone SPM518). Required HIER: boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free Mammaglobin antibody (clone SPM518) as confirmation of integrity and purity.

Description

Mammaglobin is a 93 amino acid glycoprotein with homology to other secretoglobins-uteroglobins family members. It was originally identified as a breast cancer restricted biomarker by differential screening. Mammaglobin related to secretoglobins family that includes human uteroglobin and lipophilin. Mammaglobin antibody stains cytoplasm of normal breast epithelial cells as well as primary and metastatic breast carcinomas. Mammaglobin expression is absent in prostate, kidney, colon, rectum, small intestine, stomach, pancreas, lung, and thyroid tissues. Mammaglobin may be used as part of an immunohistochemical panel for determination of metastatic breast carcinoma and tumor of unknown primary origin.

Application Notes

Optimal dilution of the Mammaglobin antibody should be determined by the researcher.

Immunogen

Full length recombinant human protein was used as the immunogen for the Mammaglobin antibody.

Storage

Store the Mammaglobin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).