

For Research Use Only

Mammaglobin A Monoclonal antibody



Catalog Number: 66237-1-Ig

Basic Information

Catalog Number: 66237-1-Ig	GenBank Accession Number: BC128252	Purification Method: Protein G purification
Size: 150ul , Concentration: 1500 µg/ml by Nanodrop and 867 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4250	CloneNo.: 2E5D4
Source: Mouse	Full Name: secretoglobin, family 2A, member 2	Recommended Dilutions: IHC 1:100-1:400 IF 1:200-1:800
Isotype: IgG1	Calculated MW: 93 aa, 10 kDa	
Immunogen Catalog Number: AG22485		

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls: IHC : human breast cancer tissue, IF : human breast cancer tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Mammaglobin A, also known as SCGB2A2, is a member of the secretoglobin superfamily. Mammaglobin A is a breast cancer-associated antigen almost exclusively over-expressed in primary and metastatic human breast cancers, making it a specific molecular marker and a potential therapeutic target for breast cancer. This monoclonal antibody is raised against full-length of 93-amino acid human mammaglobin A.

Storage

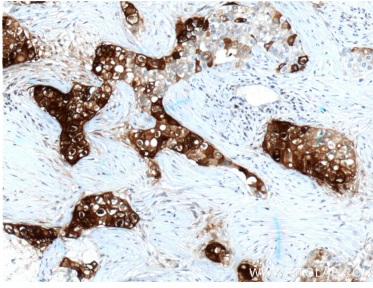
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

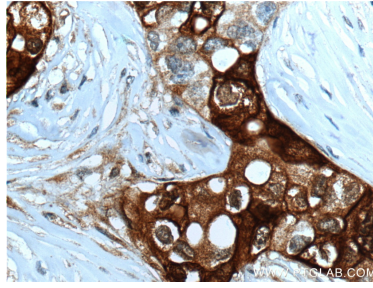
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

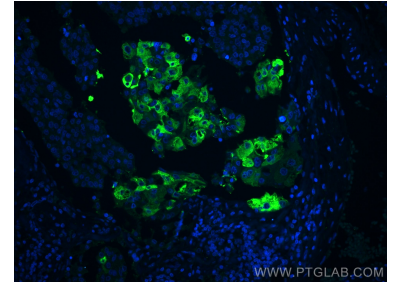
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66237-1-Ig (Mammaglobin A antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66237-1-Ig (Mammaglobin A antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using Mammaglobin A antibody (66237-1-Ig, Clone: 2E5D4) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).