

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:	1500 µg/ml	GeneID (NCBI):	4250	CloneNo.:	2E5D4
Source:	Mouse	UNIPROT ID:	Q13296	Recommended Dilutions:	IHC 1:100-1:400 IF-P 1:200-1:800
Isotype:	IgG1	Full Name:	secretoglobin, family 2A, member 2		
Immunogen Catalog Number:	AG22485	Calculated MW:	93 aa, 10 kDa		

Applications

Tested Applications:	IF-P, IHC, ELISA	Positive Controls:	
Species Specificity:	human	IHC :	human breast cancer tissue,
		IF-P :	human breast cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

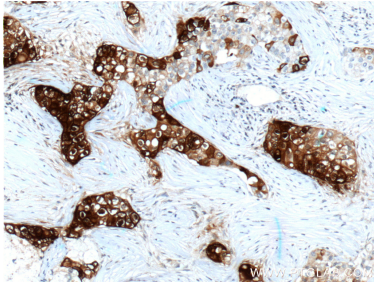
Background Information

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.

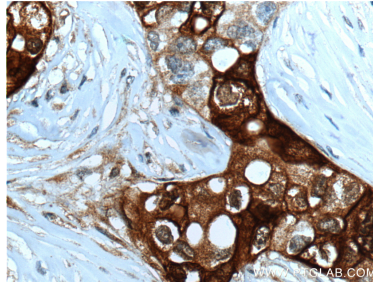
Storage

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

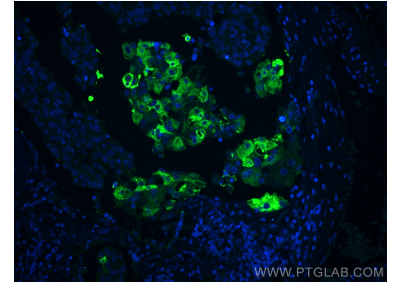
Selected Validation Data



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).