



Mouse Anti-Human Mammaglobin monoclonal antibody, clone JID730 (CABT-L2913)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Mammaglobin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID730
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Breast Carcinoma
Format	Liquid
Size	Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Mammaglobin is a glycoprotein associated with the human breast, as the gene is expressed solely in the adult mammary gland. A link between the glycoprotein and breast cancer has been reported, as high levels of mammaglobin mRNA are present in human breast cancer cell lines and primary breast cancers. Studies have shown that mammaglobin is a highly specific marker that can aid in determining breast origin in the setting of metastatic carcinoma, as well as correlating with several prognostic factors of breast cancer, including lymph node involvement.
Keywords	Mammaglobin;Mammaglobin 1;Mammaglobin-1;Mammaglobin-A;MGB1;Scgb2a2;Secretoglobin family 2A member 2;SG2A2;SG2A2_HUMAN;UGB2

GENE INFORMATION

Gene Name	SCGB2A2 secretoglobin, family 2A, member 2 [Homo sapiens (human)]
Official Symbol	SCGB2A2
Synonyms	SCGB2A2; secretoglobin, family 2A, member 2; MGB1; UGB2; mammaglobin-A; mammaglobin 1;
Entrez Gene ID	4250
Protein Refseq	NP_002402
UniProt ID	Q13296
Chromosome Location	11q13
Function	molecular_function;