

SPECIFICATION SHEET

Product Name:	McAb to CA15-3	Catalog #:	L1C00801
Description:	Monoclonal Antibody to Cancer Antigen CA15-3 (Breast Cancer)		
Specificity:	Specific for the tandem repeat of the MUC-1 core. Recognizes the hexapeptide (TRPAPG). The MUC-1 mucin (Cancer Antigen CA15-3) is secreted from tumor cells. The apo-protein of the MUC-1 mucin contains a transmembrane domain, a cytoplasmic domain, and an extracellular carbohydrate rich domain. The extracellular domain is characterized by polymorphism with respect to the number of a 20 amino acid tandem repeat (VNTR polymorphism).		
Clone:	CA009		
Host Animal:	Mouse. Hybridization of P3X63-Ag8.653		
Isotype:	IgG ₁ myeloma cells with spleen cells from Balb/c mice.		
Source:	Mouse Ascites		
Immunogen:	Human breast cancer cell line ZR 75-1		
Format:	Purified, Liquid		
Purification:	Ion exchange		
Concentration&Lot:	5 mg/ml	Lot :	L180401
Buffer:	150mM NaCl 10mM Tris PH7.4		
Preservative:	0.05%NaN ₃		
Applications:	Detection antibody in serological assays for the research of antigen MUC-1. Forms a suitable pair with CA008, Catalog # L1C00802 as capture. Immunohistochemistry on frozen or paraffin sections for the detection of MUC-1. Immunochemical detection of MUC-1 protein. Each laboratory should determine an optimum working titer for use in its particular application.		
Storage&Shelf life:	Store at -20 °C for 3 years. Avoid multiple freeze/thaw cycles.		

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