

Monoclonal Mouse Antibody to Human GCDFP-15 (Gross Cystic Disease Fluid Protein-15)

Catalog No.:	Mob 307, Mob 307-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	Recombinant protein encoding the excreted domain of human GCDFP-15.
Clone:	23A3
Isotype:	IgG2a, Kappa
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:10 to 1:20 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody is specific to the 15 kD monomer protein called Gross Cystic Disease Fluid Protein-15 (GCDFP-15). Gross cystic disease of the breast is a benign premenopausal disorder in which cysts are predominant. These cysts appear to be formed from excessive apocrine cystic secretions, one of which is GCDFP-15. This antibody can be used for staining of breast carcinoma, salivary duct carcinoma, and apocrine epithelia.
Positive Control:	Skin
Cellular localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
References:	i) Hall et al. British Journal of Cancer 78: 360, 1998. ii) Silloo et al. Modern Pathology 11: 1038, 1998. iii) Viacava et al. Virchows Arch 432: 255, 1998.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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