

Monoclonal Mouse Antibody to Human CA 15-3

Catalog No.:	Mob 134, Mob 134-05
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:	BALB/C mice were injected with membrane rich fraction of human metastatic breast carcinoma.
Clone:	DF3
Isotype:	IgG1, Kappa
Format:	This antibody is supplied as culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:10-1:25 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 30-60 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 300 kD DF3 antigen present on the apical borders of secretory mammary epithelial cells. It stains glandular epithelia of breast, colon, kidney, liver, lung, pancreas, salivary gland and skin. In tumor tissues, it stains carcinomas of the breast, gastrointestinal tract, lung, kidney, urinary bladder and ovary.
Positive Control:	Breast carcinoma
Cellular Localization:	Cytoplasmic, cell membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Abe et al. J Immunol 139:257, 1987. ii) Friedman et al. Canc Res 46:189, 1986. iii) Zoran et al. Appl Immunohistochem 2: 205, 1994.

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

DBS

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