

## Monoclonal Mouse Antibody to Human CA15.3

<b>Catalog No.:</b>	PDM 059
<b>Intended Use:</b>	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.
<b>Immunogen:</b>	BALB/C mice were injected with membrane rich fraction of human breast carcinoma.
<b>Clone:</b>	DF3
<b>Isotype:</b>	IgG1, kappa
<b>Format:</b>	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 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>
<b>Specificity:</b>	This antibody is specific to the 300 kD DF3 antigen present on 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.
<b>Positive Control:</b>	Breast carcinoma
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	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**

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: [www.dbiosys.com](http://www.dbiosys.com) e-mail: [customersupport@dbiosys.com](mailto:customersupport@dbiosys.com)