
GCDFP-15 (Clone EP1582Y) Rabbit Monoclonal Antibody

Specificity: Human. Others-not known

Immunogen: A synthetic peptide corresponding to residues near the N-terminus of human GCDFP

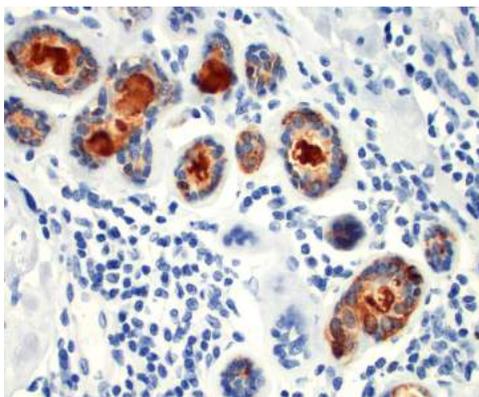
Ig Class: Rabbit IgG

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:50-250; *Positive Control:* Skin and breast. *Cellular Localization:* Cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

Description: Gross cystic disease is a common premenopausal disorder in which gross cysts are the redominant pathologic lesion. It is characterized by production of a fluid secretion which accumulates in the breast cysts. Gross cystic disease fluid is a pathologic secretion from breast composed of several glycoproteins, including a unique 15 KDa monomer protein, GCDFP-15.2. The cells within the body that produce GCDFP-15 appear to be restricted primarily to those with apocrine function. Studies have found GCDFP-15 to be a highly specific and sensitive marker for breast cancer. The GCDFP-15 antigen is expressed by apocrine sweat glands, eccrine glands (variable), minor salivary glands, bronchial glands, metaplastic epithelium of the breast, benign sweat gland tumors of the skin and the serous cells of the submandibular gland. Breast carcinomas (primary and metastatic lesions) with apocrine features express the GCDFP-15 antigen. GCDFP-15 is positive in extramammary Paget's disease. Other tumors tested are negative.

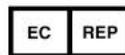
Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human breast tissue stained with anti-GCDFP15 antibody using peroxidase-conjugate and DAB chromogen. Note luminal and cytoplasmic staining of glandular epithelial cells

Cat. #Z2073 (1.0 ml)

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