GCDFP-15 (Clone ZM23)

Monospecific Mouse Monoclonal Antibody

Specificity: Human. Others-not known

Immunogen: Recombinant human GCDFP-15 protein fragment (aa 41-146)

Ig Class: IgG2b/κ

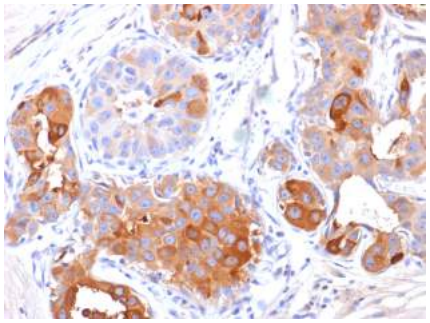
Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

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*: 1:100-200; *Positive Control*: Skin and breast. *Cellular Localization*: Cytoplasmic.

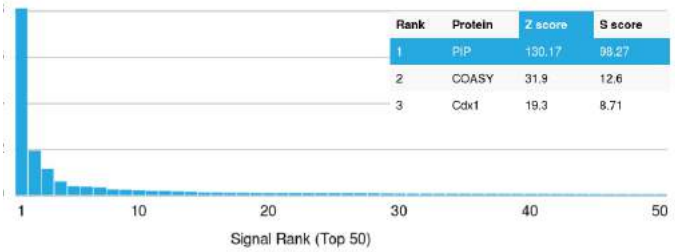
Description: It recognizes a protein of 15kDa, identified as Gross cystic disease fluid protein 15 (GCDFP-15). It is a major protein component of benign breast gross cysts. It is a known marker of breast cancer, as it is found in approximately 50% of all breast cancer specimens. GCDFP-15, also known as PIP, for prolactin inducible protein, is a prolactin and androgen-controlled protein. This antibody is useful in the identification of metastatic breast carcinoma, or fluid analysis.

Intended Use: This antibody is intended for in vitro diagnostic (IVD) use. DCDFP-15 (clone ZM23) mouse monoclonal primary antibody is intended for laboratory use in the detection of DCDFP-15 in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As*:* Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.



Formalin-fixed, paraffin-embedded human breast tissue stained with anti-GCDFP-15 antibody using peroxidase-conjugate and DAB chromogen. Note luminal and cytoplasmic staining of tumor cells



References:

1. Wich MR, et al. *Hum Pathol*. 1989; 20:281-7.
2. Tornos C, et al. *Am J Surg Pathol*. 2005; 29:1482-9.
3. Takeda Y, et al. *Arch Pathol Lab Med*. 2008; 132:239-43.

REF **Z2345 (1.0 ml) (Concentrate); Z2345B (1mg/1ml)**

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CE IVD

C (concentrate) DIL (dilution) S (supernatant) P (predilute)

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