

GCDFP-15 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50114

Clone# BP6118

Predicted Molecular Wt: 17kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P12273

Background:

GCDFP is a prolactin-induced, secretory, actin-binding cytoplasmic protein, also designated glycoprotein (gp). The cells within the body that produce GCDFP-15 appear to be restricted primarily to those with an apocrine function.

It has been reported that cytosolic analysis of normal tissue from all major organs has demonstrated GCDFP15 in apocrine epithelia, lacrimal, ceruminous and Moll's glands and in numerous serous cells of the submandibular, tracheal, bronchial, sublingual and minor salivary glands. Cytosol from breast carcinoma lesions are reported to contain GCDFP15 at a wide range of concentrations. The concentration is reported to be highest in more differentiated carcinomas and GCDFP15 shows only a few positive individual epithelial cells within lobules and small ducts in normal breast. Expression has also been reported in fibroadenomas within areas of apocrine metaplasia.

Subcellular location:

Cytoplasmic

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to residues within aa1-100 of GCDFP-15 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

-20°C

Storage instructions:

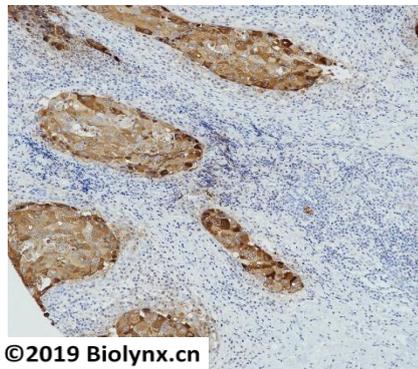
Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200

Background References:

1. Sapino A, Cassoni P and Bussolati G. Regul. Homeost. Agents. 2000; 14(4):259-262.
2. Haagensen DE Jr, Dilley WG, Mazoujian G et al. Ann. NY Acad. Sci. 1990;586:161-173.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of breast carcinoma tissue labelling GCDFP-15 with BP6118. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.