

GCDFP-15 (AB1414) mouse mAb

V0350

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 17 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1414

Immunogen A synthetic peptide corresponding to the amino acid region 50 - 146 of the human GCDFP - 15 protein.

Specificity The antibody can specifically recognize human GCDFP-15 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name PIP

Protein Name GCDFP-15

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P12273	5304

Background GCDFP-15 is a single chain protein with a molecular weight of 15 kDa. It is induced by prolactin and androgen and is common in the vesicle fluid of vesicular disease. It is expressed in non neoplastic serous salivary gland acinus, bronchial serous gland, seminal vesicle and cutaneous sweat gland. GCDFP-15 is a highly specific and sensitive marker for breast and its tumors. It is used for the diagnosis and differential diagnosis of metastatic breast cancer and other parts of the primary cancer.