

GCDFP-15 (AB1414) mouse mAb

W0345

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 17 kDa (calculated)
- 15 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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.
------------	--