

# AbboMax, Inc

*Innovation at Work*

## MOUSE ANTI-KERATIN 18

(CLONE SPM265)

### ANTIGEN PREPARATION

Human breast cancer PMC 42 cells

### PURIFICATION

The antibody is purified from ascites fluid by Protein G.

### FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

### STORAGE

The antibodies are stable for 12 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ .

### SPECIFICITY

Keratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins exists in combination with keratin 8. It was reported that tissues from gastrointestinal tract are positive for both keratin 8 and 18 but do not contain keratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for keratin 18. This antibody recognizes human keratin 18, the other species are not tested.

### APPLICATIONS AND SUGGESTED WORKING DILUTIONS

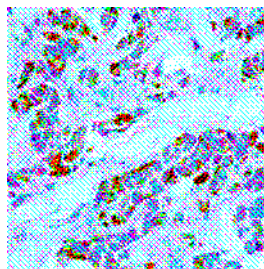
|                     |                            |
|---------------------|----------------------------|
| Western Blot        | 0.1-1 $\mu\text{g/ml}$     |
| ELISA               | Not Tested                 |
| Immunoprecipitation | Not Tested                 |
| IHC                 | 1:50: 2-5 $\mu\text{g/ml}$ |
| Flow cytometry      | Not Tested                 |

**Optimal dilutions should be determined by researchers for the specific applications.**

**MOLECULAR WEIGHT:** 45 kDa

**POSITIVE CONTROL:** HT29 cells. Skin, breast or lung carcinoma

**CELLULAR LOCATION:** cytoplasmic



Human breast cancer stained with Anti-Keratin 18 antibody, (Cat# 500-5914 at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by colling at RT for 20 min.

### Order Information

Description: Mouse Anti-Keratin 18  
Catalogue#: 500-5914  
Lot#: See the label  
Size: 100  $\mu\text{g}/200 \mu\text{l}$   
Host: Mouse  
Clone: SPM265  
Application: IHC-P,WB,IF  
Reactivity: Hu

**FOR RESEARCH USE ONLY.**