Cytokeratin 18 clone DC10

Instructions for Use

Specification:
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.
Clone DC10 recognizes a variety of simple epithelia including glandular epithelium but not stratified squamous epithelia.

Availability:

Catalog No.	Contents	Volume
ILM4422-C01	Cytokeratin 18	0,1 ml concentrate
ILM4422-C05	Cytokeratin 18	0,5 ml concentrate
ILM4422-C1	Cytokeratin 18	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: DC10

Species of origin: Mouse

Isotype: IgG1

Control Tissue: Breast carcinoma

Staining: Cytoplasmic

Immunogen: Human breast cancer PMC 42 cells

Presentation: Keratin 18 is a purified mouse monoclonal antibody, 0.2% BSA and 15mM sodium azide.

Application and suggested dilutions:
Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:50-1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

Reference:

1) Lauerová L et al. Novel monoclonal antibodies defining epitope of human cytokeratin 18 molecule. Hybridoma 7:495-504 (1988).