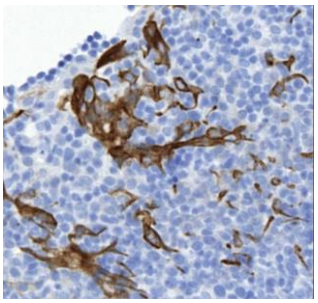
Cytokeratin 8/18 clone K8.8+DC10

Instructions for Use

Specification:
Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratin's and exists in combination with cytokeratin 18 (CK18). This MAb cocktail recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained. Immunohistochemical staining with this MAb is indistinguishable from that obtained with monoclonal antibody 5D3.

Availability:

Catalog No.	Contents	Volume
ILM6910-C01	CK 8/18	0,1 ml concentrate
ILM6910-C05	CK 8/18	0,5 ml concentrate
ILM6910-C1	CK 8/18	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Others not known.

Clone: K8.8 + DC10

Species of origin: Mouse

Isotype: IgG's

Control Tissue: Skin, Colon, lung or breast carcinoma

Staining: Cytoplasmic

Immunogen: Keratin preparation from a human carcinoma (K8.8); PMC-42 human breast carcinoma cells (DC10)

Presentation: Protein A/G purified antibody from Bioreactor Concentrate with 0.05% BSA and 0.05% Azide.

Application and suggested dilutions:
Pretreatment: Pre-treatment: Heat induced epitope retrieval in 10mM citrate buffer, pH6.0, 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 1:400-1:800)
- Western blotting

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.

References:

1) Angus B et. al. J Path, 153:377-384, 1987.
2) Angus B et. al. J Path, 155:71-75, 1988.