

Cytokeratin L.M.W. clone AE1

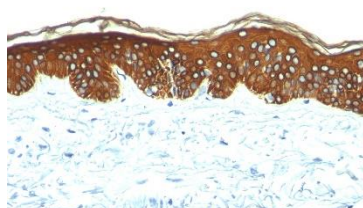
Instructions for Use

Specification:

This antibody recognizes acidic or Type I, or LMW cytokeratin's which include CK10, CK14, CK15, CK16, and CK19. It has been shown to be useful for marking squamous and adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer.

Availability:

Catalog No.	Contents	Volume
ILM0253-C1	Cytokeratin L.M.W.	0,1 ml concentrate
ILM0253-C05	Cytokeratin L.M.W.	0,5 ml concentrate
ILM0253-C1	Cytokeratin L.M.W.	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Monkey, Cow, Dog, Rabbit, Mouse, Rat, Chicken, Turtle. Others not known.

Clone: AE1

Species of origin: Mouse

Isotype: IgG1, kappa

Control Tissue: Skin, Squamous cell carcinoma (SCC)

Staining: Cytoplasmic

Immunogen: Human epidermal keratin

Presentation: The material contains 0.05% sodium azide as a preservative.

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM 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 1:100- 1:200)
- Western Blotting (1:100-1:200)

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) Woodcock-Mitchell J *et. al.* Journal of Cell Biology 1982; 95:580-8.
- 2) Tseng SCG *et. al.* Cell 1982; 30361.