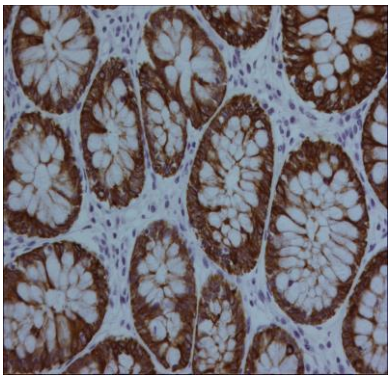
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Cytokeratin 7 & 8 clone CAM 5.2

Instructions For Use

Specification:
The Cytokeratin 7 & 8 antibody has a primary reactivity with human cytokeratin proteins that correspond to Moll's peptide #7 (cytokeratin 7) and Moll's peptide #8 (cytokeratin 8), 54 and 53 kilodaltons (kDa), respectively. [1-4]
The cytokeratin 7 and 8 antigens are present on secretory epithelia of normal human tissue, but not on stratified squamous epithelium.[1] The Cytokeratin 7 & 8 antibody stains most epithelial-derived tissue, including liver, renal tubular epithelium, and hepatocellular and renal cell carcinomas. The Cytokeratin 7 & 8 antibody might not react with some squamous cell carcinomas. [2, 5, 6]



Availability:

Catalog No.	Contents	Volume
VWRKILM84911-C1	Cytokeratin 7 & 8	1,0 ml
VWRKILM84911-C05	Cytokeratin 7 & 8	0,5 ml
VWRKILM84911-C01	Cytokeratin 7 & 8	0,1 ml

Intended use: For Research Use Only

Reactivity: Human

Clone: CAM 5.2

Species of origin: Mouse

Isotype: IgG_{2a}

Control Tissue: Adenocarcinomas, pancreas, prostate, salivary gland

Staining: Cytoplasmic

Immunogen: Human colorectal carcinoma cell line HT29

Presentation: Mouse Monoclonal antibody in PBS, containing 1% BSA and 0.09% sodium azide.

Application and suggested dilutions:
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer , pH6.0, for 20 minutes or Protease K treatment for 10 min at 37ºC, 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)

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) Moll R, et al, Cell. 1982;31:11-24.
2) Makin C,et al, J Clin Pathol. 1984;37:975.
3) Cooper D, et al, Lab In vest. 1985;52:243-256.
4) Smedts F, et al, Am J Pathol. 1990;136:657-667.
5) Battifora H.Progress in Surgical Pathology. Vol 8: Field & Wood Medical Publishers; 1990:1-15.
6) Johnson A, et al, Br J Cancer. 1985;52:159-165.
7) Wayne, PA: Clinical and Laboratory Standards Institute; 2005. CLSI document M29-A3.
8) Centers for Disease Control. MMWR. 1988;37:377-388.