

Mouse Anti-Cytokeratin [CAM 5.2]: MC0526, MC0526RTU7

Intended Use: For Research Use Only

Description: This antibody has a primary reactivity with human keratin proteins that correspond to Moll's peptides no.7 and 8, 48 kDa and 52 kDa, respectively. Cytokeratin 7 and 8 are present on secretory epithelia of normal human tissue but not on stratified squamous epithelium. Anti-Cytokeratin (CAM 5.2) stains most epithelial-derived tissue, including liver, renal tubular epithelium, and hepatocellular and renal cell carcinomas. Anti-Cytokeratin (CAM 5.2) may not react with some squamous cell carcinomas.

Specifications

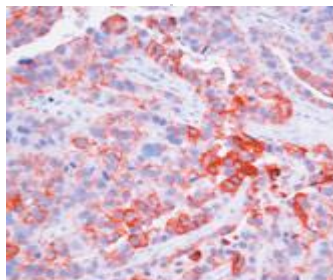
Clone: CAM 5.2
Source: Mouse
Reactivity: Human
Isotype: IgG2a/κ
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC
Package:

Description	Catalog No.	Size
Cytokeratin [CAM 5.2] Concentrated	MC0526	1 ml
Cytokeratin [CAM 5.2] Prediluted	MC0526RTU7	7 ml

IHC Procedure*

Positive Control Tissue: Ovarian carcinoma
Concentrated Dilution: 10-50
Pretreatment: Citrate pH 6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human ovarian carcinoma stained with anti-Cytokertin [CAM 5.2] using AEC

References:

1. Cytokeratin 8/18 monoclonal antibody was dissimilar to anti-cytokeratin CAM 5.2.--a comment on: "Discovery of two novel EWSR1/ATF1 transcripts in four chimerical transcripts-expressing clear cell sarcoma and their quantitative evaluation, Experimental and Molecular Pathology 90(2): 194-200, April 2011". Lin WL, et al. Exp Mol Pathol. Aug;91(1):323-4, 2011.
2. Staining for intracytoplasmic lumina and CAM5.2 increases the detection rate for bile duct cancers. Jahng AW, et al. Endoscopy. Nov;41(11):965-70, 2009.
3. Diagnostic utility of immunohistochemistry in hepatocellular carcinoma, its variants and their mimics. Wee A. Appl Immunohistochem Mol Morphol. Sep;14(3):266-72, 2006.

Doc. 100-MC0526
Rev. A