

Mouse Anti-Cytokeratin 5/6 [KRT5-6/2437]: MC0211, MC0211RTU7

Intended Use: For Research Use Only

Description: It recognizes polypeptides of 58kDa and 56kDa, identified as cytokeratin 5 and 6 respectively. It shows no reaction with keratin 1, 8, or 19. Twenty identified cytokeratins make up a complex family of intermediate filaments. Cytokeratin 5 & cytokeratin 6 are type II high molecular weight keratins that are expressed in a broad range of normal tissues including breast, prostate, mesothelium, skin and esophagus. Anti-Cytokeratin 5 & 6 is a useful immunohistochemical marker in the identification of mesothelioma and lung squamous cell carcinoma.

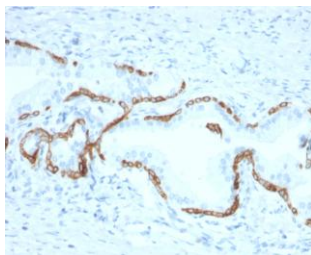
Specifications:

Clone: KRT5-6/2437
Source: Mouse
Isotype: IgG1k
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC
Package:

Description	Catalog No.	Size
Cytokeratin 5/6 Concentrated	MC0211	1 ml
Cytokeratin 5/6 Prediluted	MC0211RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Mesothelioma, prostate
Concentrated Dilution: 25-100
Pretreatment: Citrate pH6.0, 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 prostate carcinoma stained with anti-CK 5/6 using DAB

References:

1. Immunohistochemical Predictors of Bone Metastases in Breast Cancer Patients. Winczura, P; et al. Pathology oncology research : POR 21 1229-36 2015.
2. Attenuation of soft-tissue sarcomas resistance to the cytotoxic action of TNF- α by restoring p53 function. Jane Muret, et al. PloS one 7 2012.
3. Id4 protein is highly expressed in triple-negative breast carcinomas: possible implications for BRCA1 downregulation. Wen YH, et al. Breast Cancer Res Treat 135:93-102, 2012.
4. Functional characterization of the epidermal cholinergic system in vitro. Kurzen H, et al. J Invest Dermatol 126:2458-72, 2006.

Doc. 100-MC0211
Rev. A