

Mouse Anti-Renal Cell Carcinoma (RCC) [66.4.C2]: MC0569, MC0569RTU7

Intended Use: For Research Use Only

Description: Anti-renal cell carcinoma (RCC) recognizes a 200 kD glycoprotein localized in the brush border of the proximal renal tubule. This antibody immunoreacts with approximately 90% of primary renal cell carcinomas and approximately 85% of metastatic renal cell carcinomas. Therefore, anti-RCC is a reliable tool for differentiating primary or metastatic renal cell carcinoma from non-renal tumors. It may be utilized as a marker for the differential diagnosis of eosinophilic renal tumors-granular variant of renal cell carcinoma, chromophobe renal cell carcinoma, and oncocytoma. Other tumors that may react with this antibody are parathyroid adenoma and an occasional breast carcinoma. Nephroblastoma, oncocytoma, mesoblastic nephroma, transitional cell carcinoma, and angiomyolipoma are not labeled with this antibody.

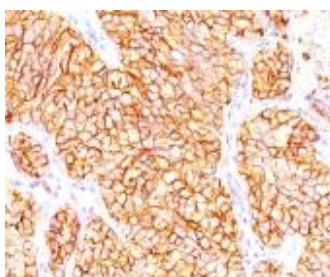
Specifications

Clone: 66.4.C2
 Source: Mouse
 Isotype: IgG2b/k
 Reactivity: Human, horse
 Immunogen: Microsomal fraction of human renal cortical tissue homogenate
 Localization: Cytoplasm, membrane
 Formulation: Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN₃)
 Storage: Store at 2°- 8°C
 Applications: IHC, Flow Cyt., ICC/IF, WB
 Package:

Description	Catalog No.	Size
Renal Cell Carcinoma (RCC)/Proximal Nephrogenic Antigen Concentrated	MC0569	1 ml
Renal Cell Carcinoma (RCC)/Proximal Nephrogenic Antigen Prediluted	MC0569RTU7	7 ml

IHC Procedure*

Positive Control Tissue: RCC
 Concentrated Dilution: 50-200
 Pretreatment: Tris EDTA pH9.0, 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 RCC stained with anti-RCC using DAB

References

1. c-Met in chromophobe renal cell carcinoma. Erlmeier F, et al. Med Oncol. Feb;34(2):15, 2017.
2. The effect of tobacco exposure in renal cell carcinoma (RCC) overall and cancer-specific survival. Kroeger N, et al. J Clin Oncol. May 20;29(15_suppl):4578, 2011.
3. Relationship of 4F2hc expression and grade of malignancy in renal cell cancer (RCC). Pöttler M, et al. J Clin Oncol. May 20;29(15_suppl):e15129, 2011.

Doc. 100-MC0569
Rev. A