

Renal Cell Carcinoma clone PN-15

Mouse Monoclonal Antibody

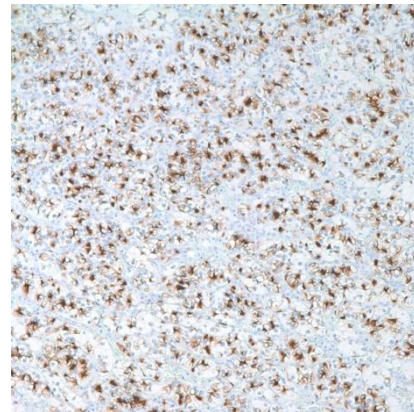
Instructions For Use

Specification:

Anti-Renal Cell Carcinoma antibody recognizes a 200 kD glycoprotein localized in the brush border of the proximal renal tubule. This antibody immune-reacts with approximately 90% of primary renal cell carcinomas and approximately 85% of metastatic renal cell carcinomas. Others tumors that react with this antibody are parathyroid adenoma, an occasional breast carcinoma. Nephroblastoma, oncocytoma, mesablastic nephroma, transitional cell carcinoma, and angiomyolipoma are not labeled with this antibody.

Availability:

Catalog No.	Contents	Volume
ILM3293-C01	Renal Cell Carcinoma	0,1 ml concentrate
ILM3293-C05	Renal Cell Carcinoma	0,5 ml concentrate
ILM3293-C1	Renal Cell Carcinoma	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human and Horse. Others not known.

Clone: PN-15

Species of origin: Mouse

Isotype: IgG_{2b}/K

Control Tissue: Renal Cell Carcinoma, normal kidney

Staining: Cytoplasmic, membranous

Immunogen: Microsomal fraction of human renal cortical tissue homogenate

Presentation: Bioreactor Concentrate with 0.05% Azide

Application and suggested dilutions:

Pretreatment: Protease treatment for 10 minutes at 37 °C, or 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 cryostat tissue sections (dilution up to 1:100-200)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 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) Avery, AK et al. Am J Surg Pathol 24(2): 203-210, 200
- 2) McGregor, DK et al. Am J Surg Pathol 25(12): 1485-1492, 2001
- 3) Gokden N et al. Appl Immunohistochem Mol Morphol. 2003 Jun; 11(2): 116-9
- 4) Yoshida SO, et. al. Cancer Research, 1989, 49(7):1802-9.