

OriGene Technologies Inc.

OriGene EU

AM01217PU-N

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Monoclonal Antibody to Renal Cell Carcinoma - Purified

Alternate names: gp200

Catalog No.: AM01217PU-N

Quantity: 0.2 mg
Concentration: 1.8 mg/ml

Background: This antibody reacts with a glycoprotein of 200 kDa present in proximal renal tubules. The

antigen is a carbohydrate in nature and retained in formalin fixed paraffin embedded tissues. Other normal tissues that display the antigen include breast, parathyroid glands and epididymis. Among renal carcinomas, 93% of primary and 84% of metastatic carcinomas are positive for this antigen. Relatively few other tumor types are positive:

breast cancers, teratocarcinomas and parathyroid adenomas.

Host / Isotype: Mouse / IgG2b

Recommended Isotype Controls:

SM12P, AM03110PU-N

Clone: PN-15

Immunogen: Renal cortical tissue extract was used to immunize BALB/c mice.

Format: State: Liquid purified Ig

Purification: Protein A chromatography

Buffer System: PBS, pH 7.2 containing 0.1% Sodium Azide

Applications: This antibody can be used for the differential diagnosis of carcinomas by Western blotting

and

immunohistochemistry on frozen and paraffin-embedded tissues. Protease digestion prior

to antibody incubation enhances staining of tissue sections.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

Specificity: This antibody reacts to Renal Cell Carcinoma.

Species: Human.

Other species not tested.

Storage: Store the antibody in aliquots at -20°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: 1. Yoshida, S.O. and Imam, A., "Monoclonal antibody to a proximal nephrogenic renal

antigen:

immunohistochemical analysis of formalin-fixed, paraffin-embedded human renal cell

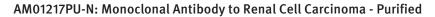
carcinomas."

Cancer Res. 1989, 49, 1802-1809.

2. Piron, A., et al. "In vitro demonstration of a mitogenic activity in renal tissue extracts

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during regenerative hyperplasia." Am. J. Physiol. 1998, 274, F348-F357

