

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

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