

## Monoclonal Antibody to Renal Cell Carcinoma Marker (gp200)

<b>Catalog No.:</b>	DM3184P
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), SM20P (for use in rat samples), AM03095PU-N
<b>Clone:</b>	PN-15
<b>Immunogen:</b>	Microsomal fraction of human renal cortical tissue homogenate.

Format: This antibody is supplied as liquid, Protein G affinity purified immunoglobulin fraction in 10 mM PBS, pH 7.4, with 0.09% Sodium Azide as preservative and 0.2% BSA as stabilizer.

**Applications:** Western Blotting (1): Reduced & non-reduced.  
Immunohistology (Formalin/Paraffin): 2-4 µg/ml 30 Min. RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.  
Recommended positive control: Normal Kidney or Renal Cell Carcinoma.  
Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.  
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:** In normal kidney, gp200 is localized along the brush border of the pars convoluta and pars recta segments of the proximal tubule, as well as, focally along the luminal surface of Bowmans capsule adjoining the outgoing proximal tubule. Of other normal tissues examined, the gp200 is also localized along the luminal surfaces of breast lobules and ducts, the luminal surface of the epididymal tubular epithelium, within the cytoplasm of parathyroid parenchymal cells, and focally within the colloid of thyroid follicles. Thirty-one other normal tissues do not express similar or cross-reacting antigens. Reportedly, gp200 is expressed by 93% of primary and 84% of metastatic renal cell carcinomas. Reacts with Human and Rat. Others not tested. Cellular Localization: cell membrane, cytoplasmic.

Mol. Wt of Antigen: ~200kD

**Storage:** Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.

**General Readings:** 1. Yoshida SO, et. al. Can

**For research and in vitro use only. Not for diagnostic or therapeutic work.**  
Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)