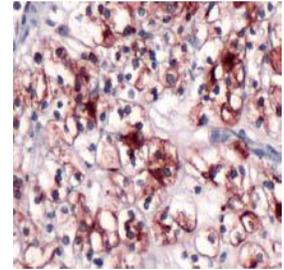


Mouse Anti-Human GP200 (Renal Cell Carcinoma Marker) Monoclonal Antibody (Clone SPM487)

CATALOG #:	E11050	0.1 ml mouse monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
	E11054	1 ml mouse monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
	E11051	7 ml pre-diluted mouse monoclonal antibody purified by protein A/G in TBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.



Human renal cell carcinoma stained with anti-gp200 antibody

INTENDED USE:	For Research Use Only. Not for use in diagnostic procedures.
CLONE:	SPM 487
IMMUNOGEN:	Recombinant human gp200 protein.
IG ISOTYPE:	IgG ₁ /κ
EPITOPE:	Not determined
MOLECULAR WEIGHT	~200kDa
SPECIES REACTIVITY:	Human (tested). Others not tested
DESCRIPTION:	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 Bowman's 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.
APPLICATIONS:	Immunohistochemistry (IHC)
IHC PROCEDURE:	<p>Specimen Preparation: Formalin-fixed, paraffin-embedded tissues are suitable for use with this primary antibody.</p> <p>Deparaffinization: Deparaffinize slides using xylene or xylene alternative and graded alcohols.</p> <p>Antibody Dilution: If using the concentrate format of this product, dilute the antibody 1:100. The dilutions are estimates; actual results may differ because of variability in methods and protocols.</p> <p>Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.</p> <p>Primary Antibody Incubation: Incubate for 30 minutes at RT.</p> <p>Slide Washing: Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween.</p> <p>Visualization: Detect the antibody as instructed by the instructions provided with the visualization system.</p>
POSITIVE CONTROL:	Normal kidney or renal cell carcinoma
CELLULAR LOCALIZATION:	Cytoplasm and membrane
STORAGE & STABILITY	Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date. There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.
WARNINGS & PRECAUTIONS:	<ol style="list-style-type: none"> Avoid contact of reagents with eyes and mucous membranes. If reagents come into contact with sensitive areas, wash with copious amounts of water. This product is harmful if swallowed. Consult local or state authorities with regard to recommended method of disposal. Avoid microbial contamination of reagents.

