

PODXL Monoclonal Antibody (B461 (PN-15))

Catalog NumberMA1-91241

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human, Rat
Host/Isotope	Mouse / IgG2b	Published species	Human
Class	Monoclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (Frozen) (IHC (F))	1:50 - 1:100
Clone	B461 (PN-15)	Immunohistochemistry (Paraffin) (IHC (P))	1:50 - 1:100
Immunogen	Renal cortical tissue extract.	Western Blot (WB)	1:100 - 1:300
Conjugate	Unconjugated	Published Applications	
Form	Liquid	Immunohistochemistry (IHC)	See 5 publications below
Concentration	0.3 mg/mL	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage Conditions	4° C, do not freeze		

Product specific information

MA1-91241 detects Gp200 from human, rat samples. MA1-91241 has been successfully used in immunohistochemistry (frozen tissue), immunohistochemistry (paraffin tissue), Western blot applications. The MA1-91241 immunogen is: Renal cortical tissue extract.

Background/Target Information

This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na⁺/H⁺ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

PubMed References For PODXL Monoclonal Antibody (B461 (PN-15))

5 Immunohistochemistry References

Species / Dilution	Summary
Human / 1:50	<p>MA1-91241 was used in immunohistochemistry to study the use of antibodies against renal cell-associated carcinoma protein markers to distinguish diffuse malignant mesothelioma from metastatic renal cell carcinoma</p> <p>Archives of pathology & laboratory medicine (2006; 130: 823) "Expression of renal cell carcinoma-associated markers erythropoietin, CD10, and renal cell carcinoma marker in diffuse malignant mesothelioma and metastatic renal cell carcinoma." Author(s):Butnor KJ,Nicholson AG,Allred DC,Zander DS,Henderson DW,Barrios R,Haque AK,Allen TC,Killen DE,Cagle PT PubMed Article URL:http://dx.doi.org/10.5858/2006-130-823-EORCCM</p>
Human / 1:100	<p>MA1-91241 was used in immunohistochemistry to report on a case of sporadic haemangioblastoma of the kidney with rhabdoid features and focal CD10 expression</p> <p>Diagnostic pathology (2012; 7:) "Sporadic haemangioblastoma of the kidney with rhabdoid features and focal CD10 expression: report of a case and literature review." Author(s):Yin WH,Li J,Chan JK PubMed Article URL:http://dx.doi.org/10.1186/1746-1596-7-39</p>
Human / 1:100	<p>MA1-91241 was used in immunohistochemistry to study problems in diagnosing mucinous tubular and spindle cell carcinoma of kidney</p> <p>Turk patoloji dergisi (2011; 27: 116) "Mucinous tubular and spindle cell carcinoma of kidney and problems in diagnosis." Author(s):Sarsik B,Smr A,Karaarslan S,Sen S PubMed Article URL:http://dx.doi.org/10.5146/tjpath.2011.01059</p>
Human / 1:200	<p>MA1-91241 was used in immunohistochemistry to study renal cell carcinoma to the pancreas</p> <p>Cancer (2000; 89: 1076) "Renal cell carcinoma to the pancreas in surgical pathology material." Author(s):Thompson LD,Heffess CS PubMed Article URL:<a href="http://dx.doi.org/10.1002/1097-0142(20000901)89:5<1076::aid-cnrcr17>3.0.co;2-m">http://dx.doi.org/10.1002/1097-0142(20000901)89:5<1076::aid-cnrcr17>3.0.co;2-m</p>
Human / Not Cited	<p>MA1-91241 was used in immunohistochemistry to study the diagnostic value of PAX-2 in metastatic clear cell renal cell carcinoma</p> <p>The American journal of surgical pathology (2008; 32: 1462) "The utility of PAX-2 in distinguishing metastatic clear cell renal cell carcinoma from its morphologic mimics: an immunohistochemical study with comparison to renal cell carcinoma marker." Author(s):Gokden N,Gokden M,Phan DC,McKenney JK PubMed Article URL:http://dx.doi.org/10.1097/PAS.0b013e318176dba7</p>

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample.

NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.