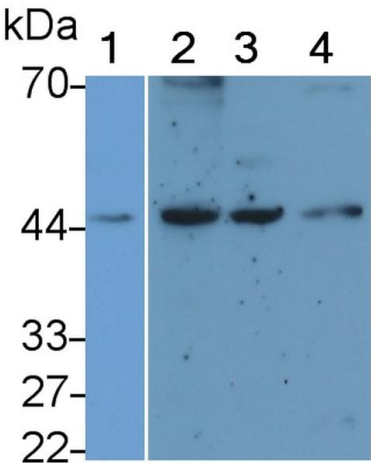


Podocin Monoclonal Antibody (C3)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	C3
Conjugate	Unconjugated
Immunogen	Met222-Pro372 (Accession Q9NP85), with N-terminal His Tag
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 50% glycerol
Contains	0.05% ProClin 300
Storage conditions	-20°C
RRID	AB_2912577

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-

Product Images For Podocin Monoclonal Antibody (C3)

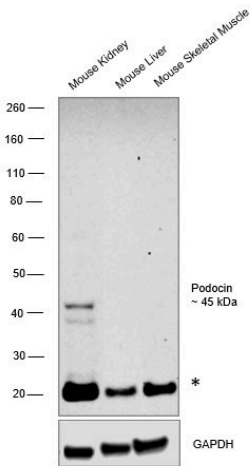


Podocin Antibody (MA5-43645) in WB

Western blot analysis of Podocin in Lane 1: human placenta lysate; Lane 2: 293T cell lysate; Lane 3: porcine Kidney lysate; Lane 4: rat Kidney lysate. Samples were incubated in monoclonal Podocin antibody (Product # MA5-43645) using a dilution of 2 µg/mL, followed by HRP-Linked Caprine Anti-Mouse IgG at a dilution of 0.2 µg/mL.

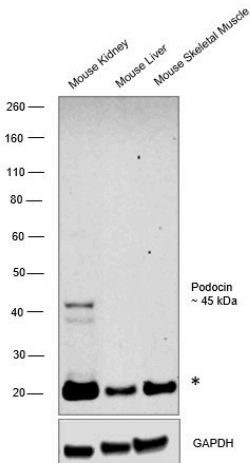
Podocin Antibody (MA5-43645)

Antibody specificity was demonstrated by detection of differential basal expression of the target across Mouse Kidney, Mouse Liver and Mouse Skeletal Muscle owing to their inherent genetic constitution. Relative expression of Podocin was observed only in Mouse Kidney when compared to other tissues using Podocin Monoclonal Antibody (C3) (Product # MA5-43645) in Western Blot. {RE}



Podocin Antibody (MA5-43645) in WB

Western blot was performed using Anti-Podocin Monoclonal Antibody (C3) (Product # MA5-43645) and a ~45 kDa band corresponding to Podocin was observed across was observed only in Mouse Kidney tissue. Whole cell extracts (30 µg lysate) of Mouse Kidney (Lane 1), Mouse Liver (Lane 2), and Mouse Skeletal Muscle (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX), 12 well. Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:20,000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580). A 25 kDa band corresponding to tissue IgG was observed in tissues tested (*).



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.