

Angiotensinogen Monoclonal Antibody (754438)

Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Host/Isotope	Rat / IgG1
Class	Monoclonal
Type	Antibody
Clone	754438
Conjugate	Unconjugated
Immunogen	CHO-derived recombinant mouse Serpin A8/Angiotensinogen Asp25-Val477
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2609480

Applications	Tested	Dilution	Published
Immunohistochemistry (Frozen) (IHC (F))	✓	8-25 µg/mL	
Western Blot (WB)	✓	1:500	

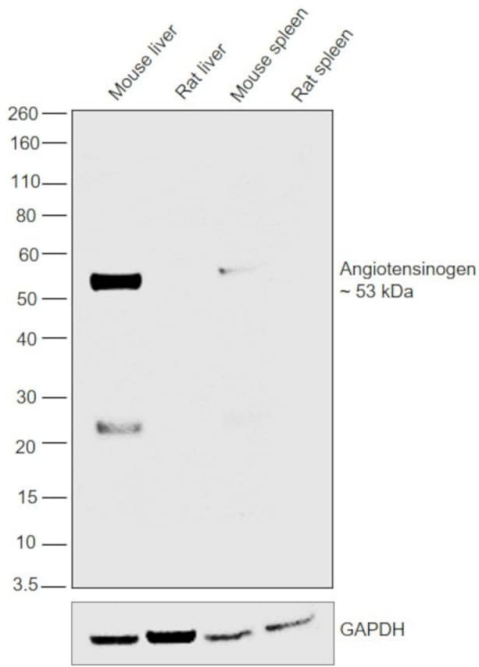
Product Specific Information

Reconstitute in sterile PBS to a final concentration of 0.5 mg/mL.

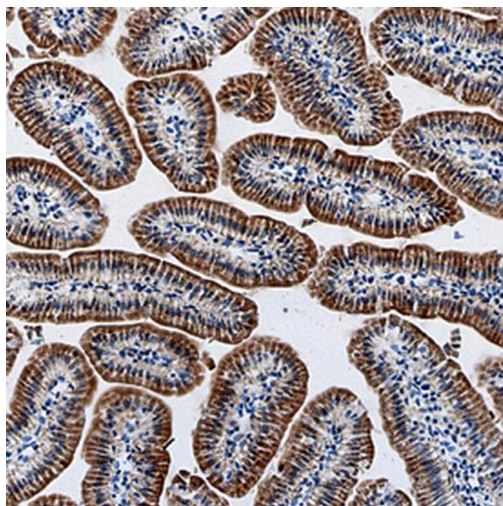
Advanced Verification Data

Angiotensinogen Antibody (MA5-24361)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. Relative expression of Angiotensinogen was observed in tissues tested using Angiotensinogen Monoclonal Antibody (Product # MA5-24361) in western blot. Relative expression validation info.



Product Images For Angiotensinogen Monoclonal Antibody (754438)

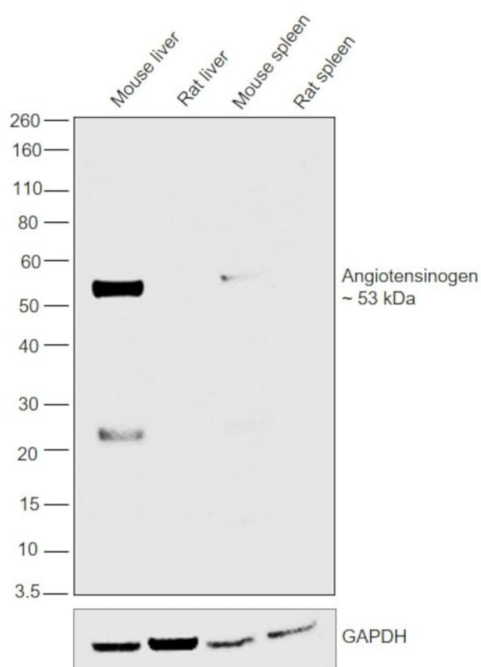


Angiotensinogen Antibody (MA5-24361) in IHC (F)

Immunohistochemical analysis of Serpin A8/Angiotensinogen was detected in perfusion fixed frozen sections of mouse intestine using Rat Anti-mouse Serpin A8 /Angiotensinogen Monoclonal Antibody (Product # MA5-24361) at 5 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Rat HRP-DAB (brown and counterstained with hematoxylin (blue). Specific staining was localized to intestinal epithelial cells.

Angiotensinogen Antibody (MA5-24361) in WB

Western blot was performed using Anti-Angiotensinogen Rat Monoclonal Antibody (Product # MA5-24361) and a 53 kDa band corresponding to Angiotensinogen was observed in Mouse liver. Whole cell extracts (30 µg lysate) of Mouse liver (Lane 1), Rat liver (Lane 2), Mouse spleen (Lane 3) and Rat spleen (Lane 4) were electrophoresed using Novex® NuPAGE® 12 % Bis-Tris gel (Product # NP0342BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence Rabbit Anti-Rat IgG Secondary Antibody, HRP conjugate (Product # PA1-29927, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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