

COX1 Recombinant Rabbit Monoclonal Antibody (ARC0960)

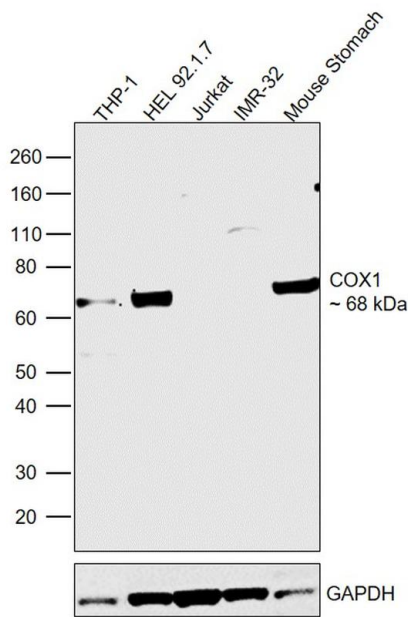
| Product Details | |
|--------------------|---|
| Size | 100 µL |
| Species Reactivity | Human, Mouse, Rat |
| Host/Isotype | Rabbit / IgG |
| Expression system | HEK293 cells |
| Class | Recombinant Monoclonal |
| Type | Antibody |
| Clone | ARC0960 |
| Conjugate | Unconjugated |
| Immunogen | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human COX1 /PTGS1 (P23219) |
| Form | Liquid |
| Concentration | 0.33 mg/mL |
| Purification | Affinity Chromatography |
| Storage buffer | PBS, pH 7.3, with 50% glycerol, 0.05% BSA |
| Contains | 0.02% sodium azide |
| Storage conditions | -20° C, Avoid Freeze/Thaw Cycles |
| RRID | AB_2849380 |

| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|--------------|
| Western Blot (WB) | 1:500-1:2,000 | - |
| Immunocytochemistry (ICC/IF) | 1:100 | - |

Product Specific Information

Immunogen sequence: GLDRYQCDCT RTGYSGPNCT IPGLWTWLRN SLRPSPSFTH FLLTHGRWFW EFVNATFIRE MLMRLVLTVR SNLIPSPPTY NSAHDYISWE SFSNVSYTR I

Product Images For COX1 Recombinant Rabbit Monoclonal Antibody (ARC0960)

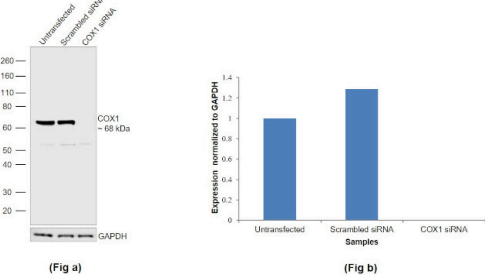


COX1 Antibody (MA5-35479) in WB

Western blot was performed using Anti-COX1 Recombinant Rabbit Monoclonal Antibody (ARC0960) (Product # MA5-35479) and a 68 kDa band corresponding to COX1 was observed. Whole cell extracts (30 µg lysate) of THP-1 (Lane 1), HEL 92.1.7 (Lane 2), Jurkat (Lane 3), IMR-32 (Lane 4) and tissue extract (30 µg lysate) of Mouse Stomach (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX), 12 well. 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 (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:20,000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580). Band of interest was not observed for Jurkat and IMR-32 which are reported to express COX1 at low levels.

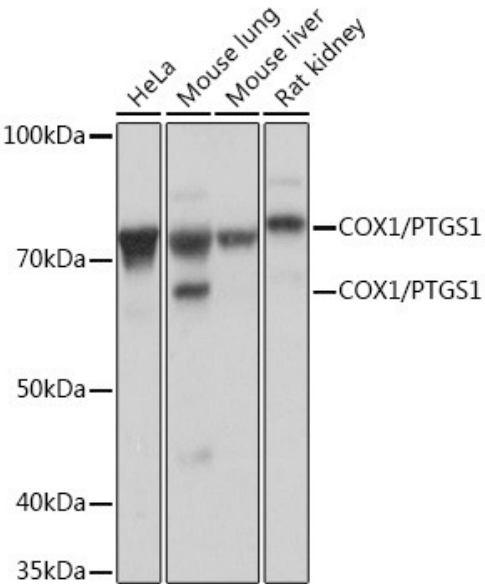
COX1 Antibody (MA5-35479)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. THP-1 cells were transfected with COX1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-COX1 Recombinant Rabbit Monoclonal Antibody (ARC0960) (Product # MA5-35479). {KD}



COX1 Antibody (MA5-35479) in WB

Western blot analysis of COX1 in extracts of various cell lines. Samples were incubated with COX1 Monoclonal antibody (Product # MA5-35479) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



View more figures on thermofisher.com

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.