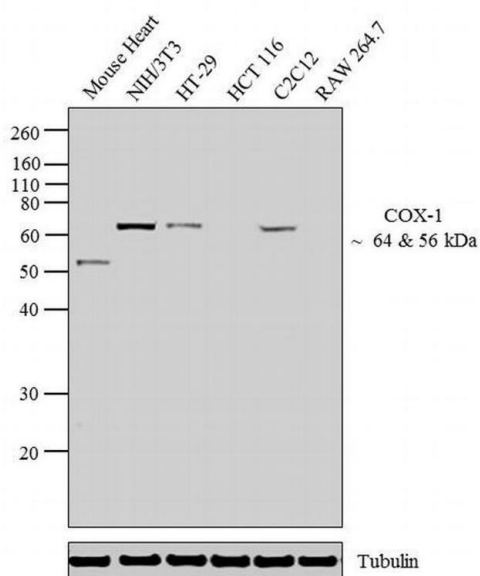


COX1 Monoclonal Antibody (COX 111)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Sheep, Rat
Published Species	Rat, Mouse, Human
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Antibody
Clone	COX 111
Conjugate	Unconjugated
Immunogen	Ram testes.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533223

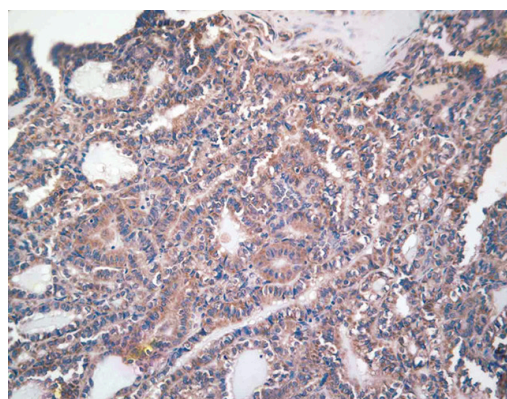
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	11 Publications
Immunohistochemistry (IHC)	Assay-dependent	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunocytochemistry (ICC/IF)	2 µg/mL	4 Publications
Flow Cytometry (Flow)	3-5 µg/1x10^6 cells	-
ELISA (ELISA)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For COX1 Monoclonal Antibody (COX 111)



COX1 Antibody (35-8100) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of Mouse Heart (Lane 1), NIH/3T3 (Lane 2), HT-29 (Lane 3), HCT 116 (Lane 4), C2C12 (Lane 5) and RAW 264.7 (Lane 6). The blots were probed with Anti-COX-1 Mouse Monoclonal Antibody (Product # 35-8100, 2-5 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP conjugate (Product # 62-6520, 1:4000 dilution). A 64 kDa band corresponding to COX-1 was observed across cell lines tested except HCT 116 and RAW 264.7. A 56 kDa band was observed in Mouse Heart. Known quantity of protein samples were electrophoresed using Novex® NuPAGE®10 % Bis-Tris gel (Product # NP0301BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

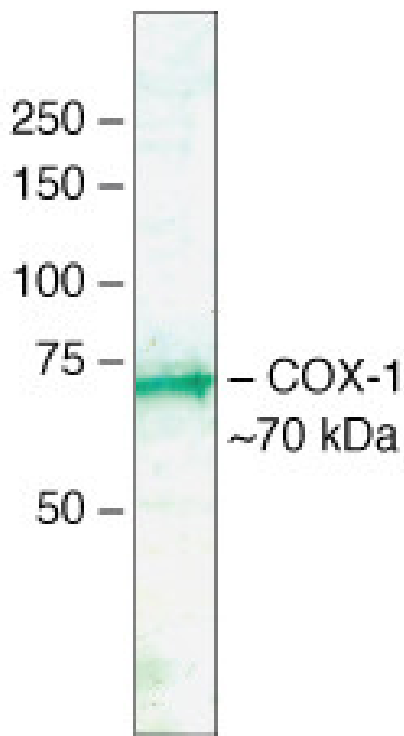


COX1 Antibody (35-8100) in IHC

Immunohistochemical staining of thyroid carcinoma tissue using COX-1 Monoclonal Antibody, Mouse (clone COX 111) (Product # 35-8100).

COX1 Antibody (35-8100) in WB

Western blot analysis of human platelets using Mouse anti-COX-1 monoclonal antibody (clone COX 111) (Product # 35-8100).



Western blot analysis of
human platelets using
Ms anti-COX-1
(Cat. no. 35-8100).

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (11)

<p>Aging</p> <p>Endothelium-specific deletion of amyloid- precursor protein exacerbates endothelial dysfunction induced by aging.</p> <p>"Published figure using COX1 monoclonal antibody (Product # 35-8100) in Western Blot"</p> <p>Authors: d'Uscio LV,Katusic ZS</p>	<p>Year 2021</p>
<p>Molecular metabolism</p> <p>Mitochondrial AIF loss causes metabolic reprogramming, caspase-independent cell death blockade, embryonic lethality, and perinatal hydrocephalus.</p> <p>"Published figure using COX1 monoclonal antibody (Product # 35-8100) in Western Blot"</p> <p>Authors: Delavallée L,Mathiah N,Cabon L,Mazeraud A,Brunelle-Navas MN,Lerner LK,Tannoury M,Prola A,Moreno-Loshuertos R,Baritaud M,Vela L,Garbin K,Garnier D,Lemaire C,Langa-Vives F,Cohen-Salmon M,Fernández-Silva P,Chrétien F,Migeotte I,Susin SA</p>	<p>Year 2020</p> <p>Species Mouse</p>

[View more WB references on thermofisher.com](#)

Immunohistochemistry (3)

<p>Journal of experimental & clinical cancer research : CR</p> <p>Mortaparib, a novel dual inhibitor of mortalin and PARP1, is a potential drug candidate for ovarian and cervical cancers.</p> <p>"Published figure using COX1 monoclonal antibody (Product # 35-8100) in Immunocytochemistry"</p> <p>Authors: Putri JF,Bhargava P,Dhanjal JK,Yaguchi T,Sundar D,Kaul SC,Wadhwa R</p>	<p>Year 2019</p> <p>Species Human</p>
<p>PloS one</p> <p>Asthmatics exhibit altered oxylipin profiles compared to healthy individuals after subway air exposure.</p> <p>"Published figure using COX1 monoclonal antibody (Product # 35-8100) in Immunofluorescence"</p> <p>Authors: Lundström SL,Levänen B,Nording M,Klepczynska-Nyström A,Sköld M,Haeggström JZ,Grunewald J,Svartengren M,Hammock BD,Larsson BM,Eklund A,Wheelock ÅM,Wheelock CE</p>	<p>Year 2011</p> <p>Species Human</p>

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

- IHC (P) (1)
- ICC/IF (4)
- Misc (1)

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