

Product Datasheet

MT-CO2 Antibody (6H0N5)

NBP3-16283-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16283-100ul

MT-CO2 Antibody (6H0N5)

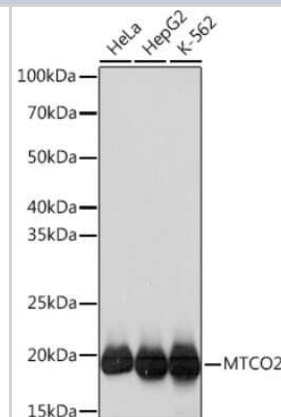
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6H0N5
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	26 kDa

Product Description	
Description	Novus Biologicals Rabbit MT-CO2 Antibody (6H0N5) (NBP3-16283) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4513
Gene Symbol	COX2
Species	Human
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 128-227 of human MT-CO2 (P00403). LEPGDLRLLDVDNRVVLPIEAPIRMMITSQDVLHSAVPTLGLKTDAIPGRLNQT TFTATRPGVYYGQCSEICGANHSFMPIVLELIPLKIFEMGPVFTL

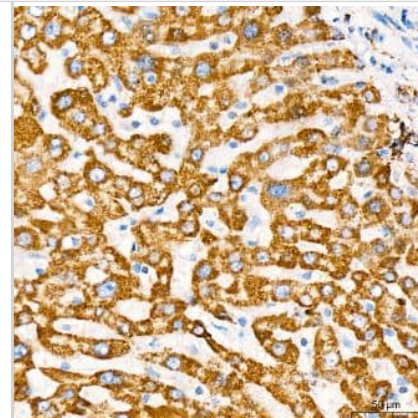
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:200 - 1:800, Immunocytochemistry/Immunofluorescence 1:200 - 1:800, Immunohistochemistry-Paraffin 1:200 - 1:800

Images

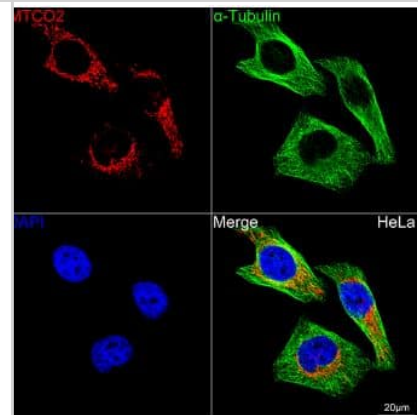
Western Blot: MT-CO2 Antibody (6H0N5) [NBP3-16283] - Western blot analysis of extracts of various cell lines, using MT-CO2 Rabbit mAb (NBP3-16283) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



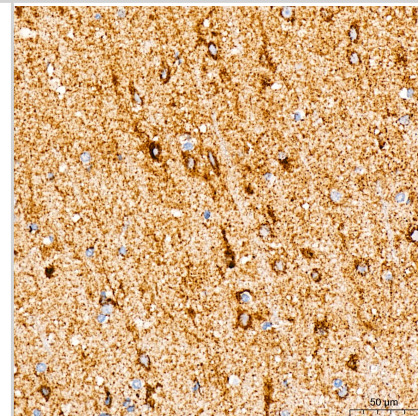
Immunohistochemistry-Paraffin: MT-CO2 Antibody (6H0N5) [NBP3-16283] - Human liver tissue using MTCO2 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



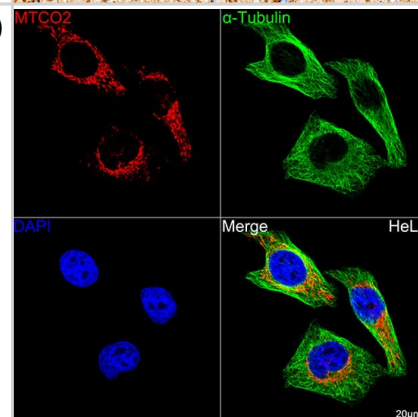
Immunohistochemistry- MT-CO2 Antibody (6H0N5) [NBP3-16283] - Confocal imaging of HeLa cells using MTCO2 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



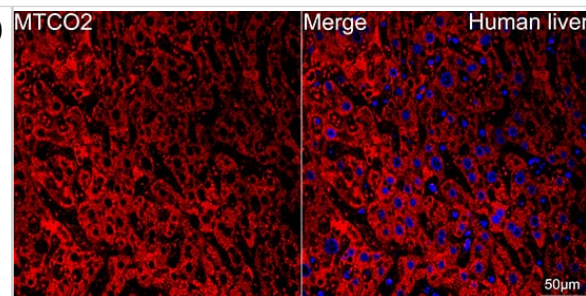
Immunohistochemistry: MT-CO2 Antibody (6H0N5) [NBP3-16283] - Immunohistochemistry analysis of paraffin-embedded Human brain tissue using MT-CO2 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: MT-CO2 Antibody (6H0N5) [NBP3-16283] - Confocal imaging of HeLa cells using MT-CO2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: MT-CO2 Antibody (6H0N5) [MT-CO2] - Confocal imaging of paraffin-embedded Human liver tissue using MT-CO2 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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Products Related to NBP3-16283-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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