

Product Datasheet

MT-CO2 Antibody (SC06-88)

NBP2-67617

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67617

MT-CO2 Antibody (SC06-88)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC06-88
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

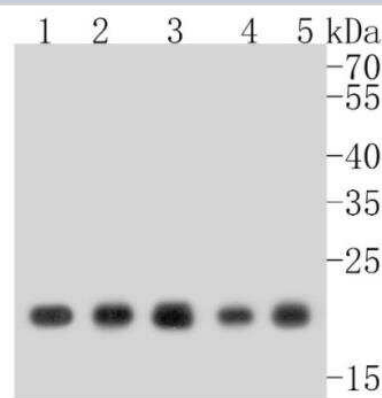
Host	Rabbit
Gene ID	4513
Gene Symbol	COX2
Species	Human
Immunogen	Synthetic peptide within Human MT-CO2 aa 199-227 / 227. (SwissProt: P00403 Human)

Product Application Details

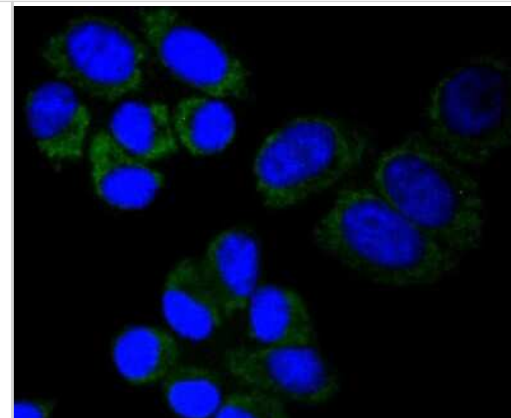
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

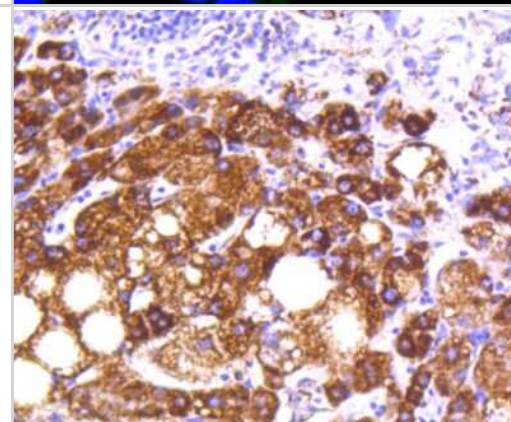
Western Blot: MT-CO2 Antibody (SC06-88) [NBP2-67617] - Analysis of MTCO2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: MCF-7 cell lysate Lane 2: THP-1 cell lysate Lane 3: Hela cell lysate Lane 4: human lung tissue lysate Lane 5: human placenta tissue lysate



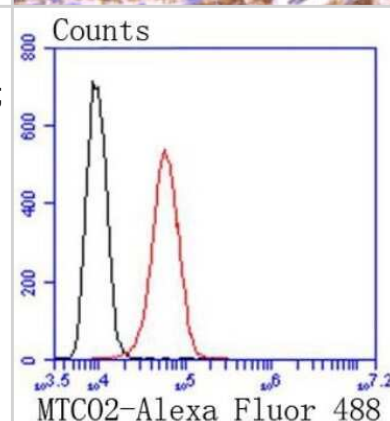
Immunocytochemistry/Immunofluorescence: MT-CO2 Antibody (SC06-88) [NBP2-67617] - Staining MTCO2 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



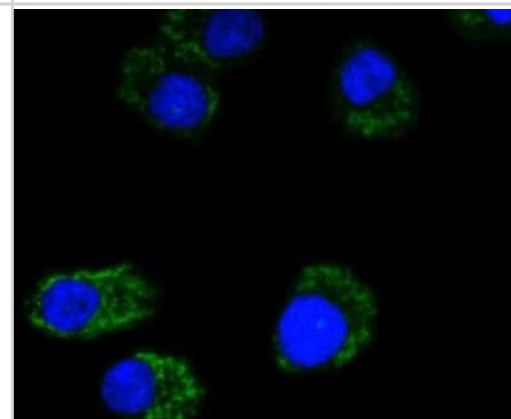
Immunohistochemistry-Paraffin: MT-CO2 Antibody (SC06-88) [NBP2-67617] - Analysis of paraffin-embedded human liver tissue using anti-MTCO2 antibody. Counter stained with hematoxylin.



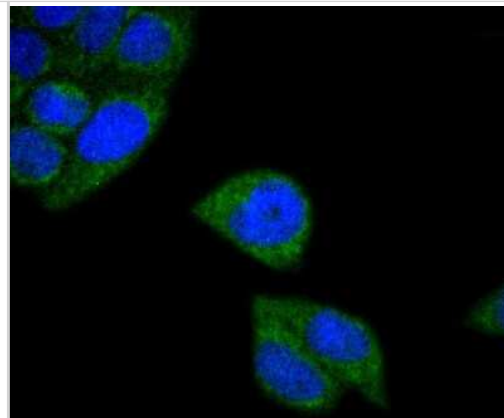
Flow Cytometry: MT-CO2 Antibody (SC06-88) [NBP2-67617] - Analysis of HepG2 cells with MTCO2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



Immunocytochemistry/Immunofluorescence: MT-CO2 Antibody (SC06-88) [NBP2-67617] - Staining MTCO2 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: MT-CO2 Antibody (SC06-88) [NBP2-67617] - Staining MTCO2 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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Products Related to NBP2-67617

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-37930PEP	MT-CO2 Recombinant Protein Antigen

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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