

# Product Datasheet

## MT-CO2 Antibody NBP2-97593-100ul

Unit Size: 100 ul

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

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**NBP2-97593-100ul**

MT-CO2 Antibody

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.03% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7.0)

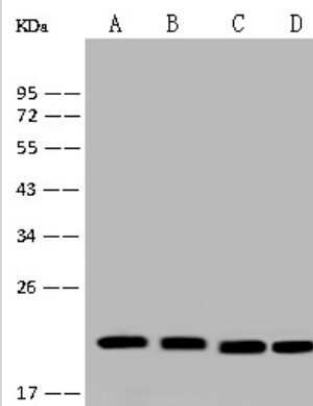
Product Description	
Description	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	4513
Gene Symbol	COX2
Species	Human
Immunogen	Produced in rabbits immunized with E. coli-derived Human MT-CO2 fragment.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin

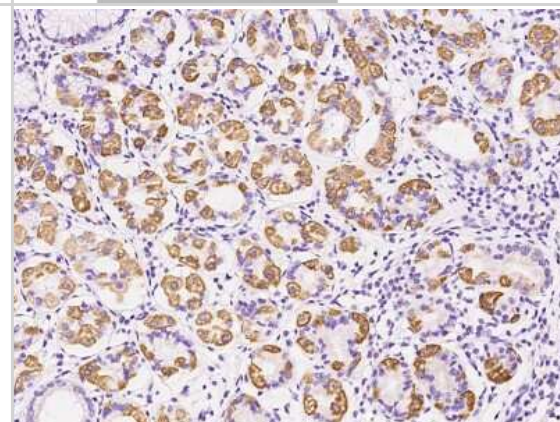


## Images

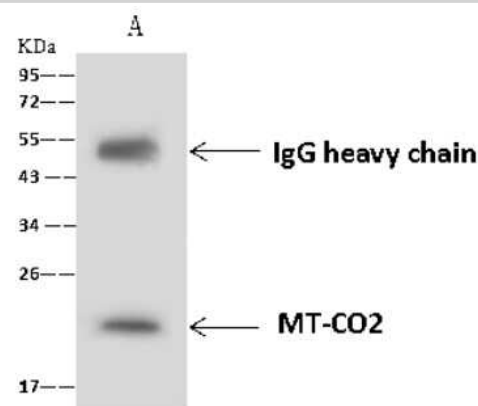
**Western Blot: MT-CO2 Antibody [NBP2-97593]** - Anti-MT-CO2 rabbit polyclonal antibody at 1:500 dilution. Lane A: K562 Whole Cell Lysate. Lane B: MCF7 Whole Cell Lysate. Lane C: THP1 Whole Cell Lysate. Lane D: HeLa Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 21 kDa



**Immunohistochemistry-Paraffin: MT-CO2 Antibody [NBP2-97593]** - Immunochemical staining of human MT-CO2 in human stomach with rabbit polyclonal antibody at 1:10000 dilution, formalin-fixed paraffin embedded sections.



**Immunoprecipitation: MT-CO2 Antibody [NBP2-97593]** - MT-CO2 was immunoprecipitated using: Lane A: 0.5 mg MCF7 Whole Cell Lysate. 4 ul anti-MT-CO2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads. Protein A/G. Primary antibody: Anti-MT-CO2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 20 kDa





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### **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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