

Product Datasheet

COX4 Antibody (6B3)

NBP1-51650

Unit Size: 0.1 ml

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

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Publications: 2

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NBP1-51650

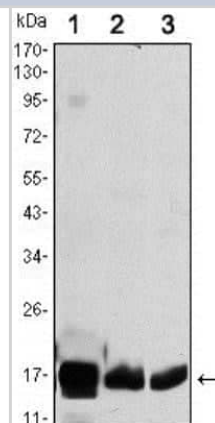
COX4 Antibody (6B3)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6B3
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ascites
Buffer	Ascites
Target Molecular Weight	19 kDa
Product Description	
Description	Novus Biologicals Mouse COX4 Antibody (6B3) (NBP1-51650) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-COX4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1327
Gene Symbol	COX4I1
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	Mitochondria Marker
Immunogen	Purified recombinant fragment of human COX4 expressed in E. Coli.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000

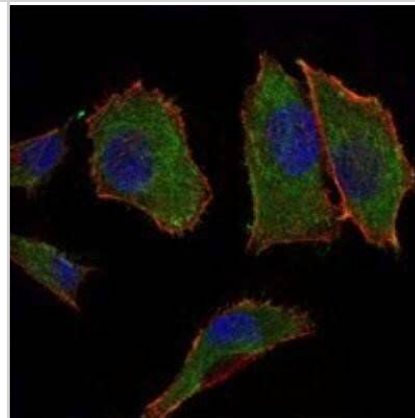


Images

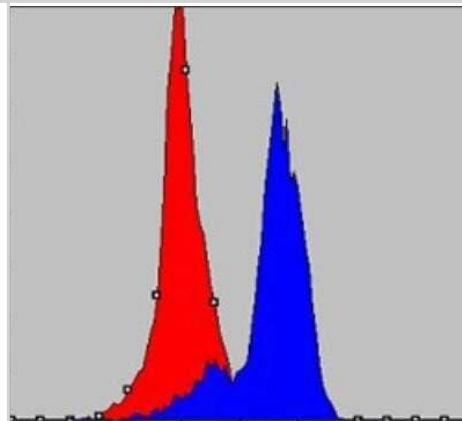
Western Blot: COX4 Antibody (6B3) [NBP1-51650] - Analysis using COX411 mouse mAb against HEK293 (1), A549 (2) and PC12 (3) cell lysate.



Immunocytochemistry/Immunofluorescence: COX4 Antibody (6B3) [NBP1-51650] - Analysis of PANC-1 cells using COX411 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow Cytometry: COX4 Antibody (6B3) [NBP1-51650] - Analysis of K562 cells using COX411 mouse mAb (blue) and negative control (red).



Publications

Soltys DT, Pereira CPM, Rowies FT et al. Lower mitochondrial DNA content but not increased mutagenesis associates with decreased base excision repair activity in brains of AD subjects. *Neurobiol. Aging.* 2018-09-22 [PMID: 30359878] (WB, Human)

Akimoto T, Okuhira K, Aizawa K et al. Skeletal muscle adaptation in response to mechanical stress in p130cas^{-/-} mice. *Am J Physiol Cell Physiol* 2013-03-01 [PMID: 23325412] (WB, Mouse)



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Products Related to NBP1-51650

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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