

Mouse Monoclonal anti human COX4

ORDERING INFORMATION

Catalog No:	hAP-0976
Size:	100µg
Storage:	<-20°C
Immunogen:	Recombinant human COX4-I2
Ig Type:	Mouse IgG2
Clone:	MM0976-7B25
Applications:	WB

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells) from a mouse immunized with recombinant human COX4-I2 (Cytochrome c oxidase subunit 4). COX4-I2 is a 21-22 kDa member of the Cytochrome c oxidase IV family of proteins and is predominantly expressed in lung.

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes human COX4-I2 in direct ELISAs and COX4-I1 and COX4-I2 in WBs. It cross reacts with mouse COX4 proteins in WBs.

Applications:

1.	WB	Yes	1:1000-2000
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**Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.
This Product is For Research Use Only**