


PRODUCT SPECIFICATION

Product Name	Anti-COX4I1
Product Number	AMAb91171
Clone Number	CL3497
Gene Description	cytochrome c oxidase subunit IV isoform 1
Clonality	Monoclonal
Isotype	IgG1
Host	Mouse
Antigen Sequence	Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: LATRVFSLVGKRAISTSVCVRAHESVVKSEDFSLPAYMDRRDHPLPEVAH VKHLSASQKALKEKEKASWSSLSMDEKVELYRIKFESFAEMNRGSNEWK T
Epitope	Binds to an epitope located within the peptide sequence VVKSEDFSLP as determined by overlapping synthetic peptides.
Purification Method	Protein A purified
Verified Species Reactivity	Human, Mouse, Rat
Recommended Applications	IHC (Immunohistochemistry) - Antibody dilution: 1:5000 - 1:10000 - Retrieval method: HIER pH6 WB (Western Blot) - Working concentration: 1 µg/ml ICC-IF (Immunofluorescence) - Fixation/Permeabilization: PFA/Triton X-100 - Working concentration: 2-10 µg/ml
Characterization Data	Available at atlasantibodies.com/products/AMAb91171
Buffer	The antibodies are delivered in 40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.
Concentration	Lot dependent
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C.
Notes	The antibody solution should be gently mixed before use. Optimal concentrations and conditions for each application should be determined by the user. For protocols, additional product information, such as images and references, see atlasantibodies.com .

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