

## Anti-COX IV antibody [SM5083] (STJA0005083)

STJA0005083

### GENERAL INFORMATION

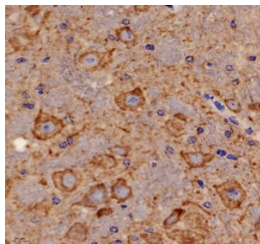
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-COX IV is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunocytochemistry research applications.
<b>Applications</b>	WB/IHC/IF/ICC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Mouse/Rat

### PRODUCT PROPERTIES

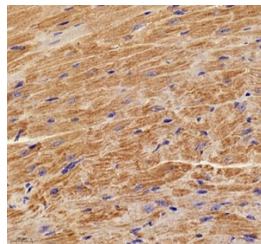
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	SM5083
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB (M, R) 1:1000-1:2000 IHC/IF (M, R) 1:1000-1:2000 ICC/IF (M) 1:150-1:200
<b>Formulation</b>	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.
<b>Isotype</b>	IgG2a
<b>Storage Instruction</b>	Store at -20°C for up to one year, and avoid repeated freeze-thaw cycles.

### TARGET INFORMATION

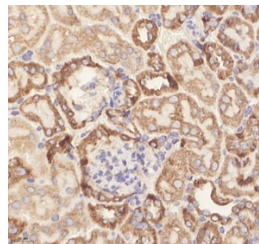
<b>Gene ID</b>	12857
<b>Gene Symbol</b>	Cox4i1
<b>Uniprot ID</b>	COX41_MOUSE
<b>Immunogen</b>	Recombinant protein corresponding to Mouse COX IV
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



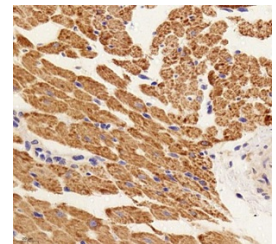
Immunohistochemistry of paraffin embedded mouse brain using COX4 at dilution of 1:1000



Immunohistochemistry of paraffin embedded mouse heart using COX4 at dilution of 1:1000



Immunohistochemistry of paraffin embedded mouse kidney using COX4 at dilution of 1:1000



Immunohistochemistry of paraffin embedded rat heart using COX4 at dilution of 1:1000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081