

## Anti-NDUFS4 antibody (1-100) [S3MR] (STJ11102353)

STJ11102353

### GENERAL INFORMATION

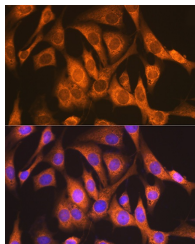
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

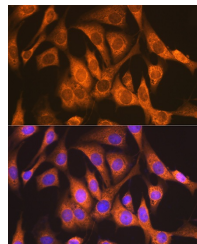
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S3MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:1000 IHC-P:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

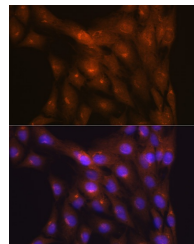
<b>Gene ID</b>	4724
<b>Gene Symbol</b>	NDUFS4
<b>Uniprot ID</b>	NDUS4_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-100
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human NDUFS4 (O43181).
<b>Immunogen Sequence</b>	MAAVMSVVLRLQTLWRRRAV AVAALSRSVPTRSLRTSTW RLAQDQTQDTQLITVDEKLD ITTLTGVPPEHIKTRKVRIF VPARNNMQSGVNNTKKWKME



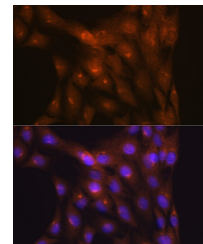
Western blot analysis of extracts of various cell lines, using NDUFS4 rabbit monoclonal antibody (STJ11102353) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of NIH-3T3 cells using NDUFS4 Rabbit monoclonal antibody (STJ11102353) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of HepG2 cells, using NDUFS4 rabbit monoclonal antibody (STJ11102353) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of C6 cells using NDUFS4 Rabbit monoclonal antibody (STJ11102353) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

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