

## Anti-MT-ND1 antibody (1-100) [S7MR] (STJ11103677)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

### PRODUCT PROPERTIES

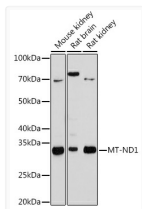
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 35kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

Gene ID	<a href="#">4535</a>
Gene Symbol	<a href="#">MT-ND1</a>
UniProt ID	<a href="#">NU1M_HUMAN</a>
Immunogen Region	1-100
Immunogen Sequence	MPMANLLLLIVPILIAMAFLLMTERKILGYMQLRKGPNVV GPYGLLQPFADAMKLFKEP LKPATSTITLYITAPTLALT IALLWTPPLPMPNPLVNLNL
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MT-ND1 (P03886).

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using MT-ND1 Rabbit mAb (STJ11103677) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit

Exposure time: 180s.