

Rev01
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DATASHEET

MT ND1 Antibody, mAb, Rabbit

Cat. No.: A04357

Overview

Specificity	This product is specific to MT ND1
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human MT ND1
Species Reactivity	Human; Mouse; Rat
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
Western Blot	1:1000-1:5000

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal

Background

Target Background : Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor. Essential for the catalytic activity and assembly of complex I.

Synonyms : MT-ND1; MTND1; NAD1; NADH1; ND1;

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