

ARG43968 anti-NDUFB7 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFB7
Tested Reactivity	Hu, Ms
Tested Application	ELISA, FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	NDUFB7
Species	Human
Immunogen	Human NDUFB7 recombinant protein
Conjugation	Un-conjugated
Alternate Names	NDUFB7; NADH:Ubiquinone Oxidoreductase Subunit B7; CI-B18; NADH-Ubiquinone Oxidoreductase B18 Subunit; B18; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 7, 18kDa; NADH Dehydrogenase [Ubiquinone] 1 Beta Subcomplex Subunit 7; Cell Adhesion Protein SQM1; Complex I B18 Subunit; Complex I-B18; MGC2480; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 7 (18kD, B18); MC1DN39

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg /1x10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

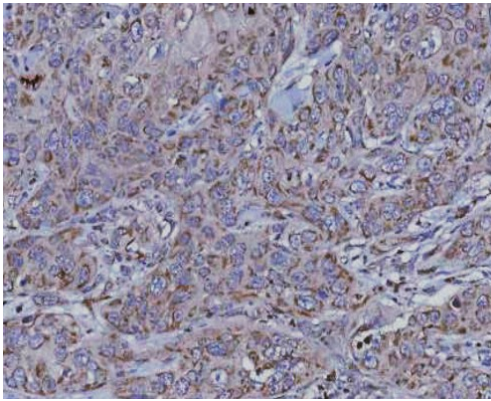
Properties

Form	Liquid
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

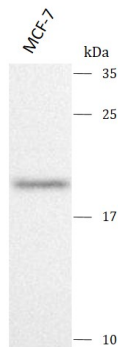
Gene Symbol	NDUFB7
Gene Full Name	NADH:Ubiquinone Oxidoreductase Subunit B7
Background	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It is located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Calculated Mw	16 kDa
PTM	Disulfide bond, Lipoprotein, Myristate, Phosphoprotein
Cellular Localization	Membrane, Mitochondrion, Mitochondrion inner membrane

Images



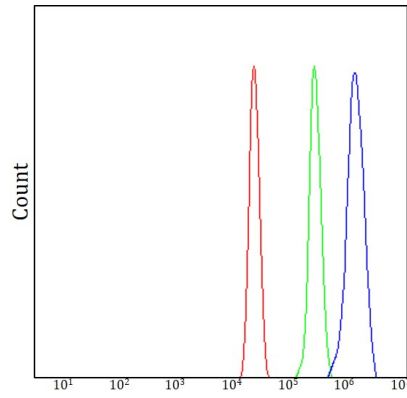
ARG43968 anti-NDUFB7 antibody IHC-P image

Immunohistochemistry: Human skin squamous carcinoma with ARG43968 anti-NDUFB7 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



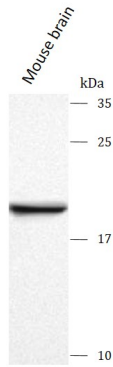
ARG43968 anti-NDUFB7 antibody WB image

Western blot: MCF-7 stained with ARG43968 anti-NDUFB7 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG43968 anti-NDUFB7 antibody FACS image

Flow Cytometry: U937 cells stained with ARG43968 anti-NDUFB7 antibody (blue) at $1 \mu\text{g}/1 \times 10^6$ cells dilution.



ARG43968 anti-NDUFB7 antibody WB image

Western blot: Mouse brain stained with ARG43968 anti-NDUFB7 antibody at $0.5 \mu\text{g}/\text{mL}$ dilution.