

ARG46711 anti-NMRK2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NMRK2
Tested Reactivity	Hu, Ms
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NMRK2
Species	Human
Immunogen	KLH-conjugated synthetic peptide around aa. 156-186 of Human NMRK2.
Conjugation	Un-conjugated
Alternate Names	NMRK2; Nicotinamide Riboside Kinase 2; MIBP; NRK2; ITGB1BP3; Muscle-Specific Beta 1 Integrin Binding Protein; Integrin Beta-1-Binding Protein 3; Nicotinic Acid Riboside Kinase 2; RibosylNicotinic Acid Kinase 2; RibosylNicotinamide Kinase 2; NmR-K 2; NRK 2; RNK 2; Integrin Beta 1 Binding Protein 3; Muscle Integrin-Binding Protein; EC 2.7.1.173; EC 2.7.1.22

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

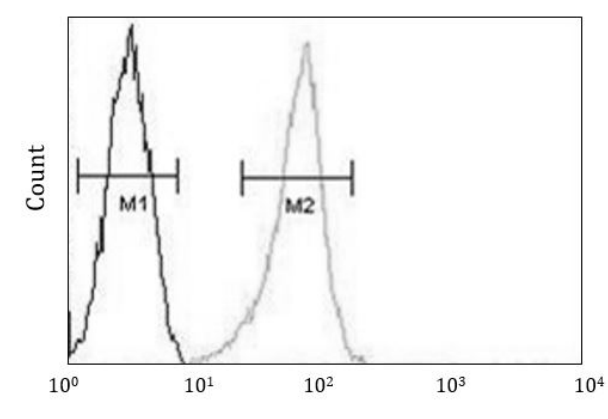
Properties

Form	Liquid
Purification	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

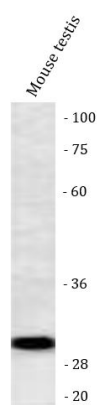
Gene Symbol	NMRK2
Gene Full Name	Nicotinamide Riboside Kinase 2
Background	Enables ribosylnicotinamide kinase activity and ribosylnicotinate kinase activity. Predicted to be involved in NAD+ biosynthetic process via the salvage pathway; NADP+ biosynthetic process; and nicotinamide riboside metabolic process. Predicted to act upstream of or within negative regulation of myoblast differentiation. Located in nucleoplasm and plasma membrane. [provided by Alliance of Genome Resources, Jun 2025]
Function	Protein kinase that seems to act exclusively upon threonine residues (By similarity). Required for normal entry into proliferative arrest after a limited number of cell divisions, also called replicative senescence. Required for normal cell cycle arrest in response to double-stranded DNA damage. [UniProt]
Calculated Mw	26 kDa
Cellular Localization	cytoplasm; cytosol; intracellular membrane-bounded organelle; nucleoplasm; plasma membrane. [UniProt]

Images



ARG46711 anti-NMRK2 antibody FACS image

Flow Cytometry: CEM stained with ARG46711 anti-NMRK2 antibody at dilution.



ARG46711 anti-NMRK2 antibody WB image

Western blot: Mouse testis stained with ARG46711 anti-NMRK2 antibody.