9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NPM1 Antibody

Nucleophosmin, Mouse Anti Human
ABM0511

Product Overview

Name	NPM1 Antibody

Description

Nucleophosmin, Mouse Anti Human

Synonyms

Nucleophosmin, NPM, Nucleolar phosphoprotein B23, Nucleolar protein NO38, Numatrin, NPM1, NPM, B23.

Introduction

Nucleophosmin (NPM1) is a phosphoprotein which shuffles between the nucleus and the cytoplasm. NPM1 is assumed to be involved in a number of processes including regulation of the ARF/p53 pathway. Several genes fusion partners have been described, particularly the anaplastic lymphoma kinase gene on chromosome 2. NPM1 gene mutations are linked with acute myeloid leukemia.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

NPM1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.15M NaCl and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MEDSMDMDMS PLRPQNYLFG CELKADKDYH FKVDNDENEH QLSLRTVSLG AGAKDELHIV EAEAMNYEGS PIKVTLATLK MSVQPTVSLG GFEITPPVVL RLKCGSGPVH ISGQHLVAVE EDAESEDEEE EDVKLLSISG KRSAPGGGSK VPQKKVKLAA DEDDDDDDEE DDDEDDDDDD FDDEEAEEKA PVKKSIRDTP AKNAQKSNQN GKDSKPSSTP RSKGQESFKK QEKTPKTPKG PSSVEDIKAK MQASIEKGGS LPKVEAKFIN YVKNCFRMTD QEAIQDLWQW RKSL.

Precautions

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NPM1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.