NME1/NDKA Monoclonal Antibody

catalog number: AN200029N

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human NME1 / NDKA protein
Host	Mouse
Isotype	IgG1
Clone	6A9
Purification	Protein A
Buffer	0.2 μm filtered solution in 20 mM MES, 100 mM NaCl, 10% Trehalose, 0.02% Tween 80, pH 6.0

Applications	Recommended Dilution
ICC/IF	1:20-1:100
FCM	1:25-1:100

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME1), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.

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