



PRODUCT DATA SHEET

Product: Anti-NDP Kinase β (nm23-H1)

Cat. No.: MC-382 (35 μ g)

Specificity:

Reacts with rat NDP kinase β isoform and human NDP Kinase A (nm23-H1).

Species Reactivity:

Human and rat. Others not tested.

Ig Isotype:

IgG1

Immunogen:

Rat NDP Kinase β isoform-specific peptide-KLH complex

Clone:

KM1103

Hybridoma:

Mouse myeloma (P3/X63-Ag8) x immunized mouse (Balb/c) spleen cells

Format:

70 μ L of 500 μ g/mL antibody in PBS with 1% protein stabilizer and 0.1% sodium azide.

Storage:

Store at 4°C short term. Store at -20°C long term. Aliquot to avoid freeze/thaws.

Applications:

- Immunohistochemistry
- Western blot

The optimal dilution for a specific application should be determined by the researcher.

References:

1. Fukuchi, T. *et al.* (1994). Recombinant rat nucleoside diphosphate kinase isoforms (α and β): Purification, properties and application to immunological detection of native isoforms in rat tissues. *Biochem. Biophys. Acta* **1265**: 113-122.
2. Fukuda, M. *et al.* (1996). Decreased expression of nucleoside diphosphate kinase α isoform, an nm23-H2 gene homolog, is associated with metastatic potential of rat mammary-adenocarcinoma cells. *Int. J. Cancer* **65**: 531-537.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.