



## PRODUCT DATA SHEET

**Product:** Anti-NDP Kinase  $\alpha$  (nm23-H2), Clone KM1121

**Cat. No:** MC-381 (35  $\mu$ g)

**Specificity:**

Reacts with rat NDP kinase  $\alpha$  isoform and human NDP Kinase B (nm23-H2).

**Species Reactivity:**

Human and rat, others not tested.

**Ig Isotype:** IgG1

**Immunogen:**

Rat NDP Kinase  $\alpha$  isoform-specific peptide (aa 37-50)

**Hybridoma:**

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

**Format:**

70  $\mu$ l of 500  $\mu$ g/ml antibody in PBS with 1% BSA and 0.1% NaN<sub>3</sub>

**Storage and Stability:**

Stable for at least 18 months when stored at 2-8°C. Store at -20°C long term.

**Applications and Suggested Dilutions:**

- ELISA
- 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 ( $\alpha$  and  $\beta$ ): 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  $\alpha$  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.