

Datasheet for ABIN908533

anti-NME5 antibody (AA 81-150) (Cy5)[Go to Product page](#)

Overview

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| Quantity: | 100 µL |
| Target: | NME5 |
| Binding Specificity: | AA 81-150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NME5 antibody is conjugated to Cy5 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human NME5/IPIA beta |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | NME5 |
| Alternative Name: | NME5 (NME5 Products) |
| Background: | Synonyms: Inhibitor of p53 induced apoptosis beta, IPIA beta, NDK-H 5, NDP kinase homolog 5, |

Target Details

NM23 H5, Nm23-M5, NM23H5, Non-metastatic cells 5, protein expressed in nucleoside-diphosphate kinase, Nonmetastatic cells 5, protein expressed in, Nonmetastatic protein 23, homolog 5, Nucleoside diphosphate kinase homolog 5, RSPH23, Testis specic nm23 homolog, NDK5_HUMAN.

Background: NME5 does not seem to have NDK kinase activity but confers protection from cell death by Bax and alters the cellular levels of several antioxidant enzymes including Gpx5. It may play a role in spermiogenesis by increasing the ability of late-stage spermatids to eliminate reactive oxygen species. NME5 is specifically expressed in testis germinal cells.

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| Gene ID: | 8382 |
| Pathways: | Nucleotide Phosphorylation , Ribonucleoside Biosynthetic Process , Negative Regulation of intrinsic apoptotic Signaling |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |