# Anti-MELK antibody (1-100) [S1MR] (STJ11101891)

## GENERAL INFORMATION

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|---|---|
| Product Type | Primary antibodies |
| Applications | WB/ELISA |
| Host / Source | Rabbit |
| Reactivity | Human/Mouse/Rat |

## PRODUCT PROPERTIES

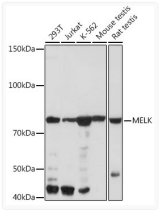
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|---|---|
| Clonality | Monoclonal |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:500-1:2000<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Molecular Weight | Protein Mw: 75kDa<br>Observed Mw: 75kDa |
| Storage Instruction | Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

## TARGET INFORMATION

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|---|---|
| Gene ID | 9833 |
| Gene Symbol | MELK |
| UniProt ID | MELK_HUMAN |
| Immunogen Region | 1-100 |
| Immunogen Sequence | MKDYDELLKYYELHETIGTG GFAKVKLACHILTGEMVAIK IMDKNTLGSDLPRIKTEIEA LKNLRHQHICQLYHVLETAN KIFMVLEYCPGGELFDYIIS |
| Specificity | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MELK (NP_055606.1). |

## ADDITIONAL INFORMATION

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|---|---|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |




Western blot analysis of extracts of various cell lines, using MELK Rabbit monoclonal antibody (STJ11101891) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1min.