

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Kallikrein 9 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) Kallikrein 1, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, rhKLKB1, rhHGFA, rhFactor VII, rhFactor X, rhFactor XI, or rhThrombin is observed. |
| Source | Monoclonal Mouse IgG _{2B} Clone # 366721 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant human Kallikrein 9 Asp20-Asn250 Accession # Q9UKQ9 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

| | Recommended Concentration | Sample |
|----------------------------|----------------------------------|---|
| Western Blot | 1 µg/mL | Recombinant Human Kallikrein 9 |
| Immunoprecipitation | 25 µg/mL | Conditioned cell culture medium spiked with Recombinant Human Kallikrein 9, see our available Western blot detection antibodies |

PREPARATION AND STORAGE

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| Reconstitution | Reconstitute at 0.5 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

BACKGROUND

Kallikrein 9 (KLK9) is a secreted protein with unknown function. The amino acid sequence of human KLK9 is 89%, 82% and 77% identical to that of canine, rat and mouse.