

## PRODUCT SPECIFICATION

| Product Name                | PrEST Antigen SEPT9  |
|-----------------------------|--|
| Product Number              | APrEST89624  |
| Gene Description            | septin 9   |
| Alternative Gene<br>Names   | AF17q25, KIAA0991, MSF, MSF1, PNUTL4, SeptD1   |
| Corresponding<br>Antibodies | Anti-SEPT9 (HPA050627)   |
| Description                 | Recombinant protein fragment of Human SEPT9  |
| Amino Acid Sequence         | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>PAPVSQLQSRLEPKPQPPVAEATPRSQEATEAAPSCVGDMADTPRDAGLK<br>QAPASRNEKAPVDFGYVGIDS |
| Fusion Tag                  | N-terminal His <sub>6</sub> ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein  |
|                             | G)   |
| Expression Host             | E. coli  |
| Purification                | IMAC purification  |
| Predicted MW                | 25 kDa including tags  |
| Usage                       | Suitable as control in WB and preadsorption assays using indicated corresponding antibodies.   |
| Purity                      | >80% by SDS-PAGE and Coomassie blue staining   |
| Buffer                      | PBS and 1M Urea, pH 7.4.   |
| Unit Size                   | 100 µl   |
| Concentration               | Lot dependent  |
| Storage                     | Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.   |
| Notes                       | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.                                |

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