

Anti-SEPT5/SEPTIN5 Antibody Picoband® PE Conjugated

Catalog Number: A11138-PE

About SEPTIN5

This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB; platelet glycoprotein Ib), whereby larger, non-coding transcripts are produced.

Overview

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| Product Name | Anti-SEPT5/SEPTIN5 Antibody Picoband® PE Conjugated |
| Reactive Species | Human, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | Q99719 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human SEPT5/SEPTIN5, identical to the related mouse and rat sequences. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | PE Excitation Wavelength: 566 nm |

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| | Emission Wavelength: 574 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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Anti-SEPT5/SEPTIN5 Antibody - PE

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