

Anti-SLIT2 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A01627-1-Fluoro594

About SLIT2

Slit homolog 2 protein is a protein that in humans is encoded by the SLIT2 gene. This gene encodes a member of the slit family of secreted glycoproteins, which are ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. Members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Proteolytic processing of this protein gives rise to an N-terminal fragment that contains the four leucine-rich repeats and five epidermal growth factor repeats and a C-terminal fragment that contains four epidermal growth factor repeats and the cysteine knot. Both full length and cleaved proteins are secreted extracellularly and can function in axon repulsion as well as other specific processes. Alternative splicing results in multiple transcript variants.

Overview

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| Product Name | Anti-SLIT2 Antibody Picoband® Fluoro594 Conjugated |
| Reactive Species | Human |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, 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% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | O94813 |

Technical Details

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| Immunogen | E.coli-derived human SLIT2 recombinant protein (Position: N934-S1529). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro594 Excitation Wavelength: 593 nm |

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|---------------------|--|
| | Emission Wavelength: 618 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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Anti-SLIT2 Antibody - Fluoro594

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