

Anti-NTAL/LAT2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A02496-1-Fluoro488

About LAT2

Linker for activation of T-cells family member 2, also known as WBSCR5 or NTAL is a protein that in humans is encoded by the LAT2 gene. It is mapped to 7q11.23. It has been found that NTAL associated with GRB2, SOS1 and GAB1 after B-cell receptor activation. Phosphorylation of NTAL was strongest in the presence of LCK, ZAP70, SYK, or LYNLAT2. NTAL is a structural and possibly a functional homolog of LAT in non-T cells. It also has been found that BLNK and LAT2 in B cells are a functionally equivalent pair to SLP76 and LAT in T cells. This gene consists of at least 14 exons, and its alternative splicing generates 3 transcript variants, all encoding the same protein.

Overview

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| Product Name | Anti-NTAL/LAT2 Antibody Picoband® Fluoro488 Conjugated |
| Reactive Species | Human |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, 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 | Q9GZY6 |

Technical Details

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| Immunogen | E.coli-derived human NTAL/LAT2 recombinant protein (Position: R46-S217). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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Anti-NTAL/LAT2 Antibody - Fluoro488

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