

## Anti-NTAL/LAT2 Antibody Picoband® Biotin Conjugated

Catalog Number: A02496-1-Biotin

### 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

Product Name	Anti-NTAL/LAT2 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9GZY6

### Technical Details

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	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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