9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 30-1249: Anti-NTAL / LAB Monoclonal Antibody (Clone:NAP-03)

| | |
|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | NAP-03 |
| **Application :** | IP, WB, IHC |
| **Reactivity :** | Human |
| **Gene :** | LAT2 |
| **Gene ID :** | 7462 |
| **Uniprot ID :** | Q9GZY6 |
| **Format :** | Purified |
| **Alternative Name :** | LAT2,LAB,NTAL,WBS15,WBSCR15,WBSCR5,HSPC046 |
| **Isotype :** | Mouse IgG2a |
| **Immunogen Information :** | Peptide corresponding to aa 196-212 of human NTAL coupled to KLH. |

## Description

NTAL (Non-T cell Activation Linker), also known as LAB (Linker for activation of B cells), is a 30 kDa double-palmitoylated transmembrane adaptor protein expressed by B cells, NK cells, mast cells and macrophages. It is a negative regulator of early stages of BCR-dependent B cell signaling and serves as a negative regulator also in mast cells. However, in mast cells, NTAL also contributes to some activation processes, partially overlapping with LAT function.

## Product Info

| | |
|---|---|
| **Amount :** | 0.1 mg |
| **Purification :** | Purified by protein-A affinity chromatography |
| **Storage condition :** | Store at 2-8°C. Do not freeze. |

## Application Note

**Immunoprecipitation Western Blotting** *Recommended dilution:* 1-2 Ã□Âµg/ml, incubation 60 min
*Positive control:* RAMOS human lymphoma cell line
*Sample preparation:* Resuspend approx. 50 mil. cells in 1 ml cold Lysis buffer (1% laurylmaltoside in 20 mM Tris/Cl, 100 mM NaCl pH 8.2, 50 mM NaF including Protease inhibitor Cocktail). Incubate 60 min on ice. Centrifuge to remove cell debris. Mix lysate with non-reducing SDS-PAGE sample buffer.
*Application note:* Non-Reducing conditions. 12% separating SDS-PAGE gel.
**Immunohistochemistry** *Recommended dilution:* 5 Ã□Âµg/ml
*Positive tissue:* tonsil, germinal center

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***