

Product datasheet for **SM3122RP**

NTAL (LAT2) Mouse Monoclonal Antibody [Clone ID: NAP-07]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NAP-07
Applications:	FC, IF
Recommended Dilution:	Flow cytometry: 1:30.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant cytoplasmic domain (aa 91-243) of human NTAL
Specificity:	This antibody reacts with Non-T cell activation linker (NTAL), also known as LAB (linker of activated B cells), a 25 - 30 kDa transmembrane adaptor protein present in membrane microdomains (rafts) of B lymphocytes, NK cells and myeloid cells.
Formulation:	Phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent Label: PE State: Liquid purified Ig fraction Label: Conjugated with R-Phycoerythrin under optimum conditions. The conjugate is purified by size-exclusion chromatography
Concentration:	lot specific
Conjugation:	PE
Storage:	Store the antibody at 2 - 8 °C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	linker for activation of T-cells family member 2
Database Link:	Entrez Gene 56743 Mouse Entrez Gene 7462 Human Q9GZY6



[View online »](#)

Background: 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.

Synonyms: LAB, NTAL, WBS15, WBSR5, HSPC046

Protein Families: Transmembrane

Product images:

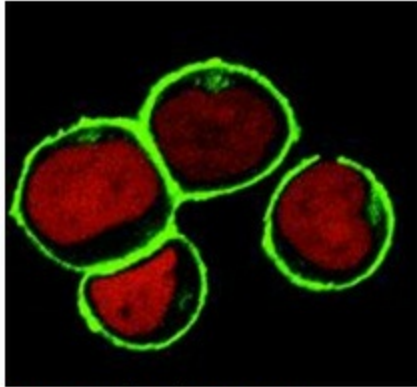


Fig. 1. Confocal microscopy

Subcellular localization of NTAL by confocal microscopy in THP-1 human acute monocytic leukemia cell line. THP-1 cells were permeabilized and immunostained using anti-NTAL (NAP-07; green). Nuclei are visualized by propidium iodide (red).