

30-1250: Anti-NTAL / LAB Monoclonal Antibody (Clone:NAP-07)

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| Clonality : | Monoclonal |
| Clone Name : | NAP-07 |
| Application : | FACS, IP, WB, ICC |
| Reactivity : | Mouse, Human |
| Gene : | LAT2 |
| Gene ID : | 7462 |
| Uniprot ID : | Q9GZY6 |
| Format : | Purified |
| Alternative Name : | LAT2,LAB,NTAL,WBS15,WBSCR15,WBSCR5,HSPC046 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Recombinant cytoplasmic domain (aa 91-243) of human NTAL. |

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

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



Figure 1: 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).