

Anti-NTAL Purified LAT2 Monoclonal Antibody

Catalog Number: M02496

About LAT2

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.

Overview

Product Name	Anti-NTAL Purified LAT2 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-NTAL Purified LAT2 Monoclonal Antibody (Catalog# M02496). Tested in IP, WB, IHC-P application(s). This antibody reacts with Human.
Application	IP, IHC-P, WB
Clonality	Monoclonal NAP-03
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q9GZY6

Technical Details

Immunogen	Peptide corresponding to aa 196-212 of human NTAL coupled to KLH. The antibody NAP-03 recognizes a defined intracellular epitope (aa 196-212) of human Non-T cell Activation Linker (NTAL), also known as LAB (linker of activated B cells), a 30 kDa transmembrane adaptor protein associating with lipid raft components in the plasma membrane of B cells, NK cells and myeloid cells.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG2a
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.

Suggested Dilutions

Immunohistochemistry (paraffin sections): 5 ug/ml; positive tissue: tonsil, germinal center.
Western blotting: 1-2 ug/ml, incubation 60 min; positive control: RAMOS human lymphoma cell line;
non-reducing conditions, 12% separating SDS-PAGE gel.

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