



## LAB (Phospho-Tyr136) mouse mAb

Catalog No	BYmab-10490
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	LAT2 LAB NTAL WBS15 WBSCR15 WBSCR5 HSPC046
Protein Name	LAB (Phospho-Tyr136)
Immunogen	Synthesized peptide derived from human LAB (Phospho-Tyr136)
Specificity	This antibody detects endogenous levels of LAB (Phospho-Tyr136) at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.146% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Linker for activation of T-cells family member 2 (Linker for activation of B-cells) (Membrane-associated adapter molecule) (Non-T-cell activation linker) (Williams-Beuren syndrome chromosomal region 15 protein) (Williams-Beuren syndrome chromosomal region 5 protein)
Observed Band	30kD
Cell Pathway	Cell membrane ; Single-pass type III membrane protein . Present in lipid rafts.
Tissue Specificity	Highly expressed in spleen, peripheral blood lymphocytes, and germinal centers of lymph nodes. Also expressed in placenta, lung, pancreas and small intestine. Present in B-cells, NK cells and monocytes. Absent from T-cells (at protein level).
Function	disease:Defects in LAT2 may be a cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS) [MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.,function:Involved in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. May also be involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and FCGR1 (high affinity

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immunoglobulin gamma Fc receptor I)-mediated signaling in myeloid cells. Couples activation of these receptors and their associated kinases with distal intracellular events through the recruitment of GRB2. PTM: May be polyubiquitinated. PTM: Phosphorylated on tyrosines following cross-linking of BCR in B-cells, FCGR1 in myeloid cells, or FCER1 in mast cells; which induces the recruitment of GRB2. s

#### Background

This gene is one of the contiguous genes at 7q11.23 commonly deleted in Williams syndrome, a multisystem developmental disorder. This gene consists of at least 14 exons, and its alternative splicing generates 3 transcript variants, all encoding the same protein. [provided by RefSeq, Jul 2008],

#### matters needing attention

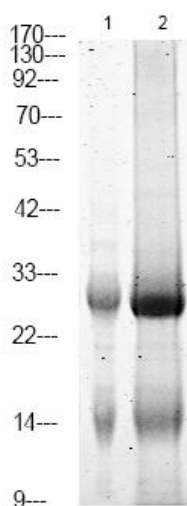
Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

Western Blot analysis of various cells using LAB (Phospho-Tyr136) mouse mAb



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