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

	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