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Datasheet for ABIN565313  
**anti-LAT antibody (AA 1-233)**

3 Images

Overview

Quantity:	100 µg
Target:	LAT
Binding Specificity:	AA 1-233
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LAT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant LAT.
Immunogen:	LAT (AAH11563, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MEEAILVPCV LGLLLLPILA MLMALCVHCH RLPGSYDSTS SDSLYPRGIQ FKRPHTVAPW PPAYPPVTSY PPLSQPDLLP IPRSPQPLGG PHRTPSSRRD SDGANSVASV ENEEPACEDA DEDEDDYHNP GYLWLPDST PATSTAAPSA PALSTPGIRD SAFSMESIDD YVNVPESGES AEASLDGSRE YVNVSQLHP GAAKTEPAAL SSQEAEVEVEE EGAPDYENLQ ELN
Clone:	3B11-1D5
Isotype:	IgG1
Cross-Reactivity:	Human

## Product Details

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Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

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Target: LAT

Alternative Name: LAT ([LAT Products](#))

Background: Full Gene Name: linker for activation of T cells  
Synonyms: LAT1,pp36

Gene ID: 27040

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: In 1x PBS, pH 7.4

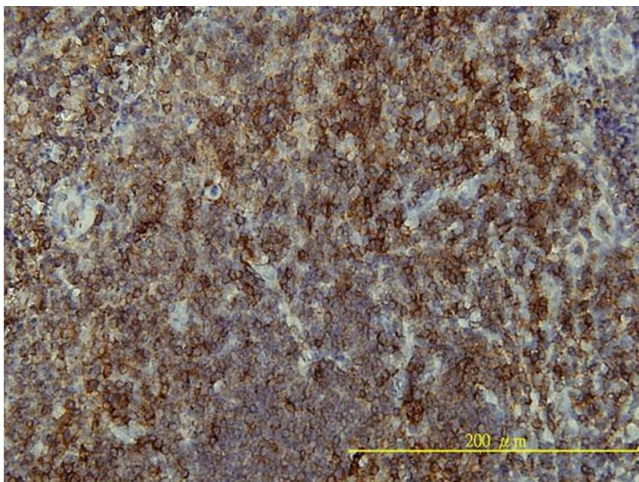
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

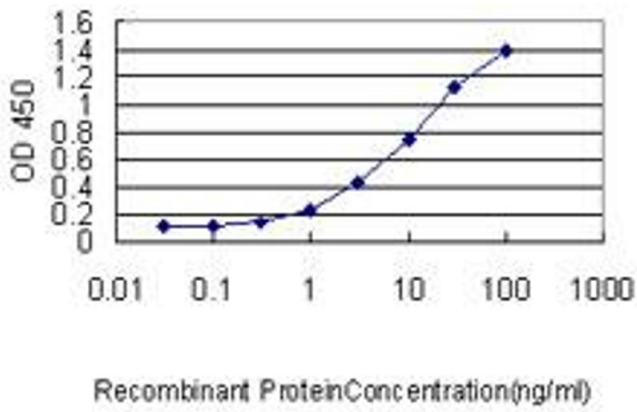
## Images

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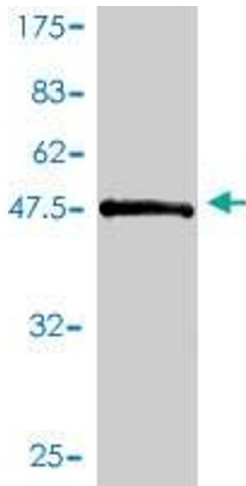
### Immunostaining

**Image 1.** Immunoperoxidase of monoclonal antibody to LAT on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 5 µg/ml]



### ELISA

**Image 2.** Detection limit for recombinant GST tagged LAT is approximately 0.03ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (51.37 kDa).