

Mouse anti-Human LAT1 / LAT Monoclonal Antibody | anti-LAT1 antibody

Mouse Monoclonal [clone LAT1111] (IgG1) to Human LAT1 / LAT

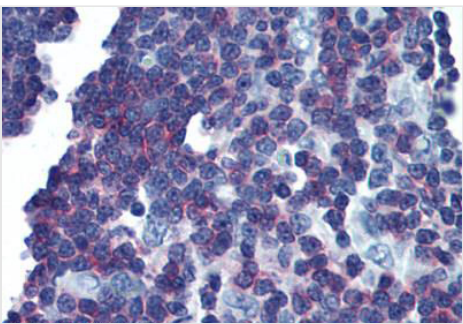
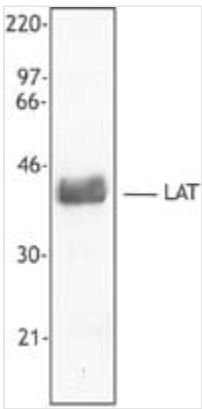
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51799	Mouse	Human	Immunoprecipitation, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

LAT1 / LAT; Monoclonal Antibody; Mouse Monoclonal [clone LAT1111] (IgG1) to Human LAT1 / LAT; Anti-LAT1 / LAT Antibody (Cytoplasmic Domain; clone LAT1111) IHC-plus; LAT; p36-38; Pp36; LAT1; Human LAT1; anti-LAT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	LAT1111
Specificity	Partial recombinant protein (cytoplasmic domain of human LAT)
Purity/Purification	Affinity Purified
Form/Format	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	262
Applicable Applications for anti-LAT1 antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human LAT.
Immunogen Type	Recombinant protein
Immunogen	LAT1 / LAT antibody was raised against recombinant human LAT.
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Store at 4 degree C.



IHC (Immunohistochemistry)
Anti-LAT antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)
Whole cell extract from human peripheral blood mononuclear cells was resolved by electrophoresis, transferred to nitrocellulose and probed with monoclonal anti-LAT antibody. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a chemiluminescence system.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657293
NCBI GeneID	27040
NCBI Accession #	NP_055202.1
NCBI GenBank Nucleotide #	NM_014387.3
UniProt Accession #	O43561; O43919; B7WPI0; C7C5T6; G5E9K3
Molecular Weight	27,774 Da
NCBI Official Full Name	linker for activation of T-cells family member 1 isoform a
NCBI Official Synonym Full Names	linker for activation of T cells
NCBI Official Symbol	LAT
NCBI Official Synonym Symbols	LAT1; pp36
NCBI Protein Information	linker for activation of T-cells family member 1; p36-38; 36 kDa phospho-tyrosine adapter protein; 36 kDa phospho-tyrosine adaptor protein; linker for activation of T cells, transmembrane adaptor
UniProt Protein Name	Linker for activation of T-cells family member 1
UniProt Gene Name	LAT
UniProt Synonym Gene Names	pp36
UniProt Entry Name	LAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.