

# LAT (Phospho-Tyr220) Conjugated Antibody

Catalog No: #C14128

Package Size: #C14128-AF350 100ul #C14128-AF405 100ul #C14128-AF488 100ul #C14128-AF555 100ul #C14128-AF594 100ul #C14128-AF647 100ul #C14128-AF680 100ul #C14128-AF750 100ul #C14128-Biotin 100ul #C14128-Conjugated 50ul

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## Description

Product Name	LAT (Phospho-Tyr220) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF
Species Reactivity	Human Mouse Rat
Specificity	Phospho-LAT LAT (Y220) Antibody detects endogenous levels of total Phospho-LAT (Y220)
Immunogen Description	A synthesized peptide derived from human Phospho-LAT (Y220)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	36 kDa phospho-tyrosine adaptor protein; LAT1; lat; pp36
Accession No.	Uniprot:O43561
Calculated MW	38kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## Product Description

Required for TCR (T-cell antigen receptor)- and pre-TCR-mediated signaling, both in mature T-cells and during their development. Involved in FCGR3 (low affinity immunoglobulin gamma Fc region receptor III)-mediated signaling in natural killer cells and FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Couples activation of these receptors and their associated kinases with distal intracellular events such as mobilization of intracellular calcium stores, PKC activation, MAPK activation or cytoskeletal reorganization through the recruitment of PLCG1, GRB2, GRAP2, and other signaling molecules.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.