

For Research Use Only

# CoraLite®594-conjugated LAP3 Monoclonal antibody



Catalog Number:CL594-66417

## Basic Information

<b>Catalog Number:</b> CL594-66417	<b>GenBank Accession Number:</b> BC065564	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51056	<b>CloneNo.:</b> 1B11B8
<b>Source:</b> Mouse	<b>Full Name:</b> leucine aminopeptidase 3	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 56 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Immunogen Catalog Number:</b> AG6300	<b>Observed MW:</b> 56 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> human, mouse, rat, pig	

## Background Information

LAP3 (Leucine aminopeptidase 3) is also named as LAPEP, PEPS (peptidase S) and belongs to the peptidase M17 family. It can catalyze the removal of unsubstituted N-terminal amino-acids from various peptides and be presumably involved in the processing and regular turnover of intracellular proteins. PEPS is found in a wide variety of tissues and cultured cells but not in red cells and skin. The enzyme can utilize several di-, tri-, and tetrapeptides as substrates and is the slowest migrating of the peptidases after electrophoresis (PMID:689684). LAP3 has two isoforms with MW of 52 and 56 kDa.

## Storage

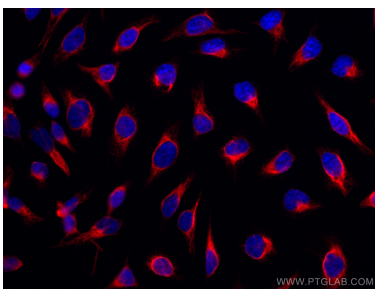
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite@594 LAP3 antibody (CL594-66417, Clone: 1B11B8 ) at dilution of 1:100. DAPI (blue).