

For Research Use Only

CoraLite® Plus 488-conjugated LAP3 Monoclonal antibody



Catalog Number:CL488-66417

Basic Information

Catalog Number: CL488-66417	GenBank Accession Number: BC065564	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51056	CloneNo.: 1B11B8
Source: Mouse	Full Name: leucine aminopeptidase 3	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 56 kDa	
Immunogen Catalog Number: AG6300	Observed MW: 56 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: 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

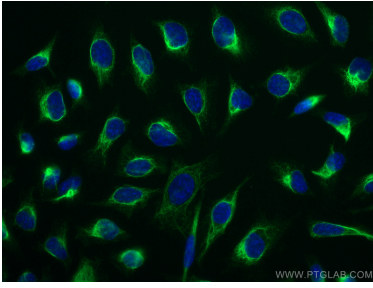
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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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®@488 LAP3 antibody (CL488-66417, Clone: 1B11B8) at dilution of 1:100.