

For Research Use Only

# CoraLite®488-conjugated MLKL Monoclonal antibody



Catalog Number: CL488-66675

Featured Product

## Basic Information

Catalog Number:

CL488-66675

Size:

100UL, Concentration: 1000 µg/ml by

Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15188

GenBank Accession Number:

BC028141

GeneID (NCBI):

197259

Full Name:

mixed lineage kinase domain-like

Calculated MW:

471 aa, 54 kDa

Observed MW:

54 kDa

Purification Method:

Protein G purification

CloneNo.:

3D4C6

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

488 nm/515 nm

## Applications

Tested Applications:

IF, ELISA

Species Specificity:

Human, Mouse

Positive Controls:

IF : human liver cancer tissue,

## Background Information

Mixed lineage kinase domain like pseudokinase (MLKL), belongs to the protein kinase superfamily, has two MW of 54 and 30 kDa. MLKL plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in necroptosis pathway. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children.

## 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

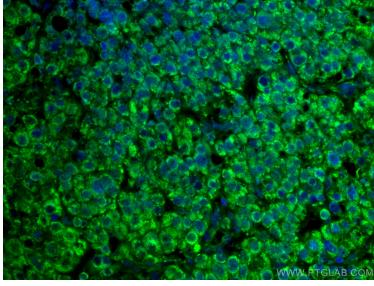
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite®488-conjugated MLKL antibody (CL488-66675, Clone: 3D4C6 ) at dilution of 1:100.