A21894

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# MLKL Rabbit mAb

**Catalog No.: A21894** Recombinant 13 Publications

## Basic Information

**Observed MW**

**Calculated MW**
54kDa

**Category**
Monoclonal Antibody

**Applications**
IHC-P,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

**Clone number**
ARC2471

## Background

This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to be inactive because it lacks several residues required for activity. This protein 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. Inhibitor studies and knockdown of this gene inhibited TNF-induced necrosis. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children. Alternatively spliced transcript variants have been described for this gene.

## Recommended Dilutions

| | |
|---|---|
| **IHC-P** | 1:50 - 1:200 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
197259

**Swiss Prot**
Q8NB16

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
hMLKL; MLKL

## Contact

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## Product Information

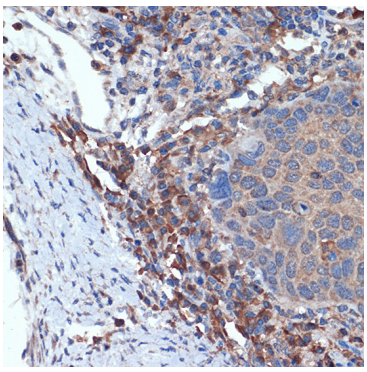
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃

## Validation Data



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using MLKL Rabbit mAb (A21894) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.