# **MLKL Rabbit pAb**

Catalog No.: A17312 3 Publications



### **Basic Information**

#### **Observed MW**

54kDa

### **Calculated MW**

54kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

### **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**

**WB** 1:500 - 1:1000

IHC-P 1:200 - 1:800

**IF/ICC** 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**Swiss Prot
197259
Q8NB16

**Immunogen** 

Synonyms hMLKL; MLKL

### **Contact**

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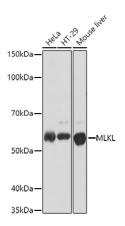
### **Product Information**

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

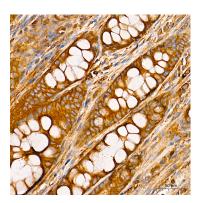


Western blot analysis of various lysates using MLKL Rabbit pAb (A17312) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

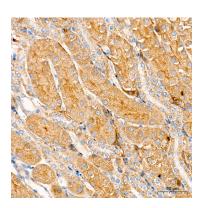
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

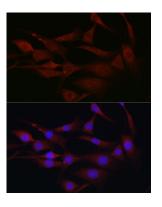
Exposure time: 10s.



Immunohistochemistry analysis of paraffinembedded Human colon carcinoma tissue using MLKL Rabbit pAb (A17312) at a dilution of 1:700 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney tissue using MLKL Rabbit pAb (A17312) at a dilution of 1:700 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 cells using MLKL Rabbit pAb (A17312) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.