## Summary

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|---|---|
| **Production Name** | MLKL Rabbit Monoclonal Antibody |
| **Description** | Rabbit Monoclonal Antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC,IF,IP,ELISA |
| **Reactivity** | Human,Mouse,Rat |

## Performance

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|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG,Kappa |
| **Clonality** | Monoclonal |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| **Purification** | Protein A |

## Immunogen

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|---|---|
| **Gene Name** | MLKL |
| **Alternative Names** | MLKL;Mixed lineage kinase domain-like protein |
| **Gene ID** | 197259.0 |
| **SwissProt ID** | Q8NB16. |

## Application

| | |
|---|---|
| **Dilution Ratio** | IHC 1:1000-1:4000;WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200; |
| **Molecular Weight** | Calculated MW:55kD;Observed MW:55kD |

## Background

Cell localization:Cytoplasm.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. [provided by RefSeq, Sep 2015],

## Research Area

## Image Data
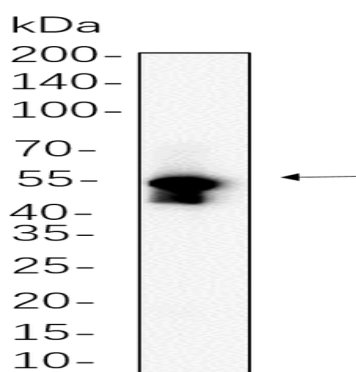


Hela whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with primary antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

## Note
For research use only.