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MLKL Rabbit pAb

Catalog No.: A11458

Basic Information

Observed MW
Refer to figures

Calculated MW
54kDa

Category
Primary antibody

Applications
ELISA, IF/ICC

Cross-Reactivity
Human

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

IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
74568

Swiss Prot
Q8NB16

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-53 of mouse MLKL (Q9D2Y4).

Synonyms
hMLKL; MLKL

Contact

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Product Information

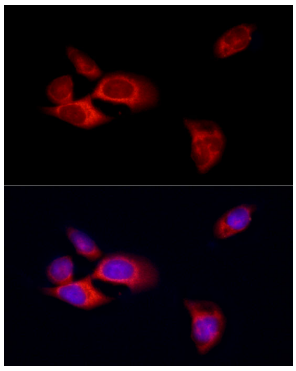
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of HeLa cells using MLKL Rabbit pAb (A11458) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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