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MLKL Rabbit mAb

Catalog No.: A19685 Recombinant 10 Publications

Basic Information

Observed MW
54kDa

Calculated MW
54kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

CloneNo number
ARC0165

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

Immunogen Information

Gene ID
197259

Swiss Prot
Q8NB16

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 373-471 of human MLKL (Q8NB16).

Synonyms
hMLKL; MLKL

Contact

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Product Information

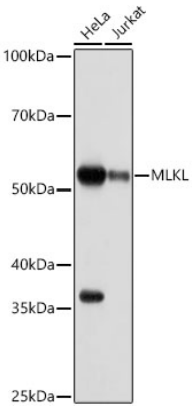
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using MLKL Rabbit mAb (A19685) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.