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[KO Validated] MLKL Mouse mAb

Catalog No.: A27261

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Basic Information

Observed MW
54 kDa

Calculated MW
54 kDa

Category
Monoclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human, Mouse

Clone No.
AMC0729

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	1:5000 - 1:10000

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
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
hMLKL

Contact

400-999-6126
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Product Information

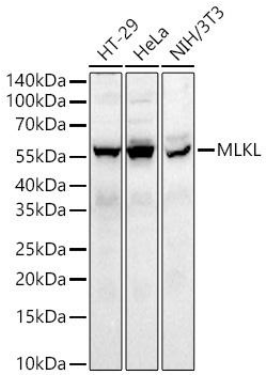
Source
Mouse

Isotype
IgG1

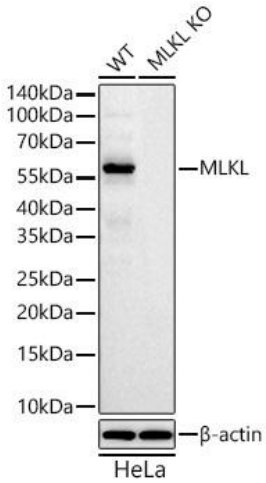
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using [KO Validated] MLKL Mouse mAb (A27261) at 1:10000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of lysates from wild type (WT) and MLKL knockout (KO) HeLa cells using [KO Validated] MLKL Mouse mAb (A27261) at 1:10000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

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