

MLKL Rabbit pAb

Catalog No.: A5579SP **47 Publications**

Basic Information

Observed MW

54 kDa

Calculated MW

30 kDa/54 kDa

Category

Primary antibody

Applications

WB, IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human, Mouse

Background

This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to lack protein kinase 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. Knockout of this gene in mice showed that it is essential for necroptosis. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB 1:1000 - 1:6000**IF/ICC** 1:200 - 1:400**IHC-P** 1:600 - 1:2400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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Immunogen Information

Gene ID

197259

Swiss Prot

Q8NB16

Immunogen

This information is considered to be commercially sensitive.

Synonyms

9130019I15Rik; MLKL

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

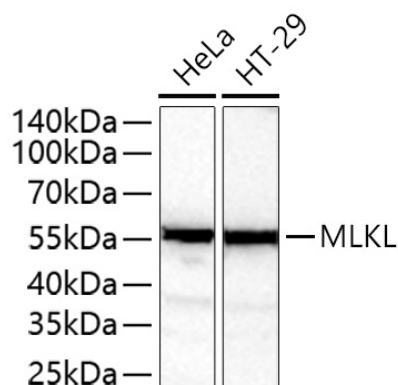
Storage

Store at -20°C



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Validation Data



Western blot analysis of various lysates using MLKL Rabbit pAb (A5579SP) at 1:6000 dilution incubated overnight at 4°C.

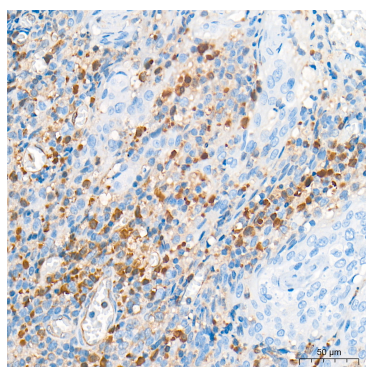
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using MLKL Rabbit pAb (A5579SP) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.