MLKL Rabbit pAb

Catalog No.: A5579  34 Publications

Basic Information

Observed MW
54kDa

Calculated MW
54kDa

Category
Primary antibody

Applications
ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity
Human, Mouse

Background

This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, it 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

<table>
<thead>
<tr>
<th>Assay</th>
<th>Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>1:500 - 1:2000</td>
</tr>
<tr>
<td>IHC-P</td>
<td>1:50 - 1:200</td>
</tr>
<tr>
<td>IF/ICC</td>
<td>1:50 - 1:200</td>
</tr>
</tbody>
</table>

Immunogen Information

Gene ID
74568

Swiss Prot
Q9D2Y4

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

Synonyms
9130019I15Rik; MLKL

Immunogen Information

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Western blot analysis of extracts of various cell lines, using MLKL antibody (A5579) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.