

## MLKL (Phospho Ser345) Rabbit mAb (AR1938)

### Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IF, ELISA
Isotype:	IgG, Kappa
MW:	54kDa (Calculated) 54kDa (Observed)

### Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

### Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	MLKL (Phospho Ser345) Monoclonal Antibody detects endogenous levels of MLKL Phospho-ser345 at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): QNSIS
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### Target Information

Gene name	MLKL
Protein Name	MLKL Phospho-ser345

Organism	Gene ID	UniProt ID
Human	197259	Q8NB16
Mouse	74568	Q9D2Y4

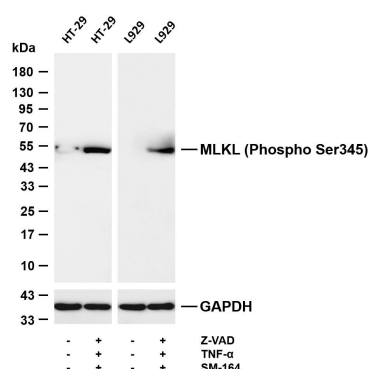
Cytoplasm. Cell membrane. Nucleus. Localizes to the cytoplasm and translocates to the plasma membrane on necroptosis induction (PubMed:24316671). Localizes to the nucleus in response to orthomyxoviruses infection (By similarity). .

Cellular Localization

Tissue specificity

Chondrocyte, Leukocyte, Lymph node

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MLKL (Phospho Ser345) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: HT-29

Lane 2: HT-29 was treated with Z VAD(20μM) for 30 minutes before adding TNF-α(20ng/ml) and SM-164(100nM) for 7 hours.

Lane 3: L929

Lane 4: L929 was treated with Z VAD(20μM) for 30 minutes before adding TNF-α(20ng/ml) and SM-164(100nM) for 7 hours.

Predicted band size: 54kDa

Observed band size: 54kDa

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