

Resource Summary Report

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Anti-MLKL (phospho S345) antibody [EPR9515(2)]

RRID:AB_2687465

Type: Antibody

Proper Citation

(Abcam Cat# ab196436, RRID:AB_2687465)

Antibody Information

URL: http://antibodyregistry.org/AB_2687465

Proper Citation: (Abcam Cat# ab196436, RRID:AB_2687465)

Target Antigen: MLKL (phospho S345)

Host Organism: rabbit

Clonality: monoclonal

Antibody Name: Anti-MLKL (phospho S345) antibody [EPR9515(2)]

Description: This monoclonal targets MLKL (phospho S345)

Target Organism: mouse

Clone ID: EPR9515(2)

Defining Citation: [PMID:28666573](https://pubmed.ncbi.nlm.nih.gov/28666573/)

Antibody ID: AB_2687465

Vendor: Abcam

Catalog Number: ab196436

Record Creation Time: 20231110T034042+0000

Record Last Update: 20240725T003359+0000

Ratings and Alerts

No rating or validation information has been found for Anti-MLKL (phospho S345) antibody [EPR9515(2)].

No alerts have been found for Anti-MLKL (phospho S345) antibody [EPR9515(2)].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

He Y, et al. (2024) Identification of a marine-derived sesquiterpenoid, Compound-8, that inhibits tumour necrosis factor-induced cell death by blocking complex II assembly. *British journal of pharmacology*, 181(15), 2443.

Mannion J, et al. (2024) A RIPK1-specific PROTAC degrader achieves potent antitumor activity by enhancing immunogenic cell death. *Immunity*, 57(7), 1514.

Hänggi K, et al. (2024) Interleukin-1 β release during necrotic-like cell death generates myeloid-driven immunosuppression that restricts anti-tumor immunity. *Cancer cell*, 42(12), 2015.

Wu J, et al. (2024) Cecal necroptosis triggers lethal cardiac dysfunction in TNF-induced severe SIRS. *Cell reports*, 43(10), 114778.

Magri Z, et al. (2024) CD14 is a decision-maker between Fas-mediated death and inflammation. *Cell reports*, 43(9), 114685.

Gan WL, et al. (2024) Hepatocyte-macrophage crosstalk via the PGRN-EGFR axis modulates ADAR1-mediated immunity in the liver. *Cell reports*, 43(7), 114400.

Deng Q, et al. (2024) NLRP6 induces RIP1 kinase-dependent necroptosis via TAK1-mediated p38MAPK/MK2 phosphorylation in *S. typhimurium* infection. *iScience*, 27(4), 109339.

Xu C, et al. (2024) Edaravone Dexborneol mitigates pathology in animal and cell culture models of Alzheimer's disease by inhibiting neuroinflammation and neuronal necroptosis. *Cell & bioscience*, 14(1), 55.

Sprooten J, et al. (2024) Lymph node and tumor-associated PD-L1+ macrophages antagonize dendritic cell vaccines by suppressing CD8+ T cells. *Cell reports. Medicine*, 5(1), 101377.

Jetton D, et al. (2024) Non-canonical autophosphorylation of RIPK1 drives timely pyroptosis to control *Yersinia* infection. *Cell reports*, 43(8), 114641.

Bai S, et al. (2024) Extracellular vesicles from alveolar macrophages harboring phagocytosed methicillin-resistant *Staphylococcus aureus* induce necroptosis. *Cell reports*, 43(7), 114453.

Liu Z, et al. (2023) Chronic carbon disulfide exposure induces parkinsonian pathology via α -synuclein aggregation and necrosome complex interaction. *iScience*, 26(10), 107787.

Meng H, et al. (2023) Evidence for developmental vascular-associated necroptosis and its contribution to venous-lymphatic endothelial differentiation. *Frontiers in cell and developmental biology*, 11, 1229788.

Desai JV, et al. (2023) C5a-licensed phagocytes drive sterilizing immunity during systemic fungal infection. *Cell*, 186(13), 2802.

Yang T, et al. (2023) Triggering endogenous Z-RNA sensing for anti-tumor therapy through ZBP1-dependent necroptosis. *Cell reports*, 42(11), 113377.

Vucur M, et al. (2023) Sublethal necroptosis signaling promotes inflammation and liver cancer. *Immunity*, 56(7), 1578.

Wu M, et al. (2023) Nucleoporin Seh1 maintains Schwann cell homeostasis by regulating genome stability and necroptosis. *Cell reports*, 42(7), 112802.

Jiang J, et al. (2023) Platelet ITGA2B inhibits caspase-8 and Rip3/Mkl1-dependent platelet death through PTPN6 during sepsis. *iScience*, 26(8), 107414.

Cui S, et al. (2023) Identification of hyperoxidized PRDX3 as a ferroptosis marker reveals ferroptotic damage in chronic liver diseases. *Molecular cell*, 83(21), 3931.

Frank D, et al. (2022) Ubiquitylation of RIPK3 beyond-the-RHIM can limit RIPK3 activity and cell death. *iScience*, 25(7), 104632.