abcam

Product datasheet

Anti-MLKL (phospho S345) antibody [EPR9515(2)] - BSA and Azide free ab208910

重组　RabMAb

4 References　3 图像

概述

产品名称	Anti-MLKL (phospho S345)抗体[EPR9515(2)] - BSA and Azide free
描述	兔单克隆抗体[EPR9515(2)] to MLKL (phospho S345) - BSA and Azide free
宿主	Rabbit
特异性	MLKL pS345 is a trigger for necroptosis. It is only detectable in infection/cellular damaged (PMID:29229989) or aging tissue (PMID: 28807105) but not in normal tissues.
经测试应用	**适用于:** WB, IP, Dot blot
种属反应性	**与反应:** Mouse
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: L929 whole cell lysate treated with 20 ng/ml TNF alpha, 100 nM Smac mimetic, and 20 mM z-VAD for 8h and then harvested. IP: L929 whole cell lysate treated with TNF alpha+ Smac mimetic + z-VAD compound for 8h.
常规说明	ab208910 is the carrier-free version of **ab196436**.

This antibody was developed through collaboration with the lab of Xiaodong Wang at the National Institute of Biological Sciences, Beijing.

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar$^®$ Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar$^®$ is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity

- Long-term security of supply
- Animal-free production
For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR9515(2)
同种型	IgG

应用

The Abpromise guarantee   **Abpromise™承诺保证使用ab208910于以下的经测试应用**

"应用说明"部分 下显示的仅为**推荐的起始稀释度**；实际**最佳的稀释度/浓度**应**由使用者**检定。

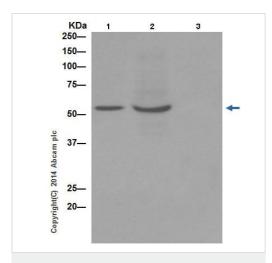| 应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 54 kDa (predicted molecular weight: 54 kDa).
IP		Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.

靶标

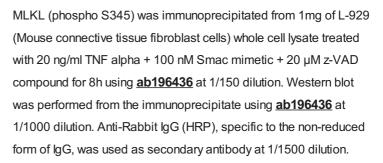|	
序列相似性	Belongs to the protein kinase superfamily. Contains 1 protein kinase domain.
结构域	The protein kinase domain is predicted to be catalytically inactive.

图片

Immunoprecipitation - Anti-MLKL (phospho S345) antibody [EPR9515(2)] - BSA and Azide free (ab208910)
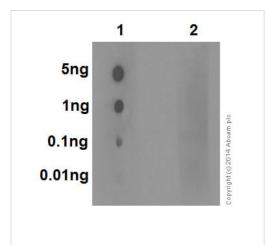
MLKL (phospho S345) was immunoprecipitated from 1mg of L-929 (Mouse connective tissue fibroblast cells) whole cell lysate treated with 20 ng/ml TNF alpha + 100 nM Smac mimetic + 20 µM z-VAD compound for 8h using **ab196436** at 1/150 dilution. Western blot was performed from the immunoprecipitate using **ab196436** at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution.

Lane 1: L-929 whole cell lysate treated with 20 ng/ml TNF alpha+ 100 nM Smac mimetic+ 20 µM z-VAD compound for 8h;10 µg (Input).

Lane 2: **ab196436** IP in L-929 whole cell lysate treated with 20 ng/ml TNF alpha+ 100 nM Smac mimetic+ 20 µM z-VAD compound for 8h.

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab196436** in L-929 whole cell lysate treated with 20 ng/ml TNF alpha+ 100 nM Smac mimetic+ 20 µM z-VAD compound for 8h.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab196436**).
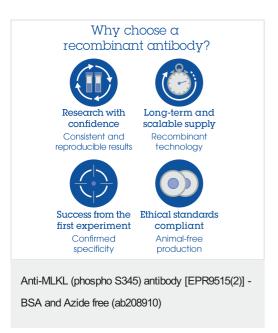

Dot Blot - Anti-MLKL (phospho S345) antibody [EPR9515(2)] - BSA and Azide free (ab208910)

This Dot Blot data was generated using the same anti-MLKL (phospho S345) antibody clone, EPR9515(2), in a different buffer formulation (cat# **ab196436**).

Dot blot analysis of MLKL (phospho S345) peptide (Lane 1), and non-phospho peptide (Lane 2), labeled using **ab196436** at 1/1000 dilution, followed by Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated secondary antibody at 1/1000 dilution.

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: 3 minutes.

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

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

BSA and Azide free (ab208910)

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