

Phospho-MLKL-S345 Rabbit mAb

Catalog NO.: AP1550 **Recombinant** **2 Publications**

Basic Information

Observed MW

55kDa

Calculated MW

54kDa

Category

Monoclonal Antibodies

Applications

WB, Auto WB, IP, ELISA

Cross-Reactivity

Mouse

Conjugation

Unconjugated

Clone number

ARC3328

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

Auto WB 1:50 - 1:100

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

74568

Swiss Prot

Q9D2Y4

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

9130019I15Rik

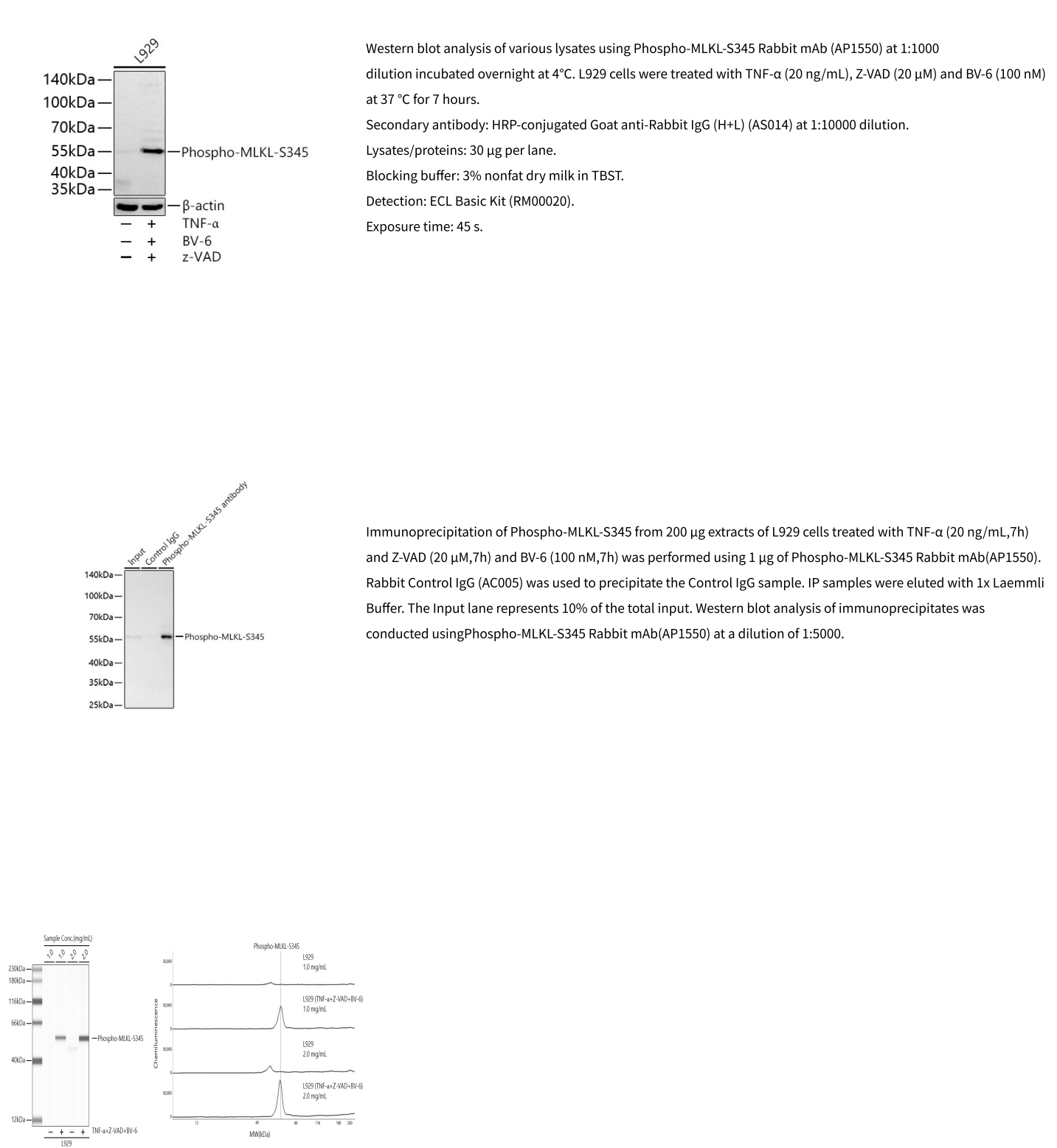
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Simple Western™ analysis of lysates from L929 cells using Phospho-MLKL-S345 Rabbit mAb (AP1550) at 1:50 dilution. L929 cells were treated with TNF- α (20 ng/mL), Z-VAD (20 μ M) and BV-6 (100 nM) at 37 °C for 7 hours. The virtual lane view (left) shows the target band (as indicated) with samples in concentrations of 1.0 mg/mL and 2.0 mg/mL. The corresponding electropherogram view (right) plots chemiluminescence intensity against molecular weight along the capillary for sample concentrations of 1.0 mg/mL and 2.0 mg/mL. This experiment was performed under reducing conditions on the Jess™ Simple Western instrument from ProteinSimple, a BioTechne brand, using the 12-230 kDa separation module.

Antibody | Protein | ELISA Kit | Enzyme | NGS | Service

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