

## ARG30349 MAPK signaling antibody panel

Package: 1 kit  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51218	anti-SAPK / JNK antibody	Rabbit pAb	Hu, Ms, Rat	IHC-P, WB	20 µl
ARG51807	anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, WB	20 µl
ARG55797	anti-ERK1 + ERK2 antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB	20 µl
ARG52277	anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody	Rabbit pAb	Hu, Ms, Rat, Dog	ICC/IF, IHC-P, WB	20 µl
ARG55258	anti-p38 MAPK antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, WB	20 µl
ARG51850	anti-p38 MAPK phospho (Thr180 / Tyr182) antibody	Rabbit pAb	Hu, Ms, Rat	WB	20 µl

### Summary

Target Name	MAPK
Alternate Names	MAPK signaling antibody; MAP kinase 9; JNK2BETA; PRKM9; EC 2.7.11.24; c-Jun N-terminal kinase 2; Stress-activated protein kinase 1a; SAPK; Stress-activated protein kinase JNK2; MAPK 9; JNK2; JNK2ALPHA; JNK2A; JNK2B; SAPK1a; JNK-55; Mitogen-activated protein kinase 9; p54a; p54aSAPK; JNK3A; Mitogen-activated protein kinase 10; p54bSAPK; Stress-activated protein kinase 1b; JNK3; c-Jun N-terminal kinase 3; Stress-activated protein kinase JNK3; EC 2.7.11.24; SAPK1b; p493F12; MAP kinase 10; PRKM10; MAPK 10; MAP kinase p49 3F12; CSBP2; PRKM14; MAX-interacting protein 2; SAPK2A; Stress-activated protein kinase 2a; CSBP1; Mxi2; EC 2.7.11.24; CSBP; SAPK2a; RK; CSPB1; MAPK 14; p38; MAP kinase 14; MAP kinase MXI2; Cytokine suppressive anti-inflammatory drug-binding protein; MAP kinase p38 alpha; Mitogen-activated protein kinase p38 alpha; EXIP; CSAID-binding protein; p38ALPHA; PRKM15; Mitogen-activated protein kinase 14 ;MAPK 2; MAPK 1; MAP kinase 2; ERK-2; p41; ERK; MAP kinase 1; PRKM2; PRKM1; EC 2.7.11.24; MAPK2; p40; Extracellular signal-regulated kinase 2; p38; Mitogen-activated protein kinase 2; Mitogen-activated protein kinase 1; ERK2; MAP kinase isoform p42; p42-MAPK; P42MAPK; p41mapk; ERT1

### Properties

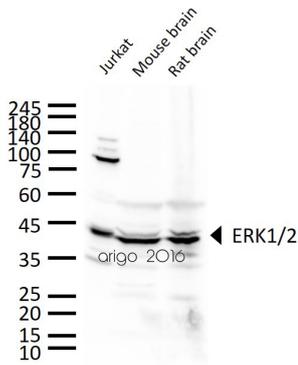
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Full Name Antibody Panel for MAPK signaling

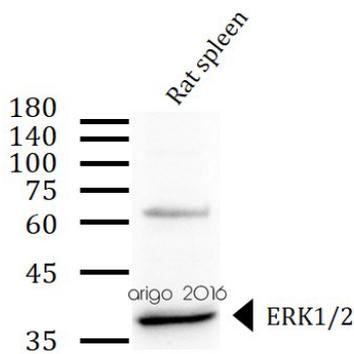
Highlight Related Product:  
[anti-SAPK / JNK antibody;](#)  
[anti-ERK1 + ERK2 antibody;](#)

## Images



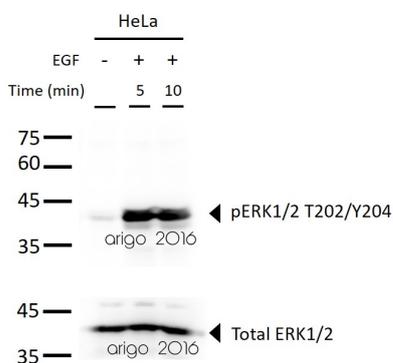
ARG55797 anti-ERK1 + ERK2 antibody WB image

Western blot: 30 µg of Jurkat, Mouse brain, and Rat brain lysates stained with ARG55797 anti-ERK1 + ERK2 antibody at 1:1000 dilution.



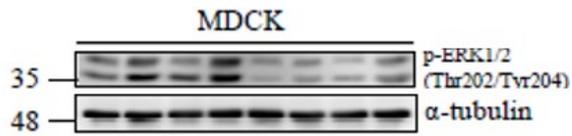
ARG55797 anti-ERK1 + ERK2 antibody WB image

Western blot: 30 µg of Rat spleen lysate stained with ARG55797 anti-ERK1 + ERK2 antibody at 1:500 dilution.



ARG55797 anti-ERK1 + ERK2 antibody WB image

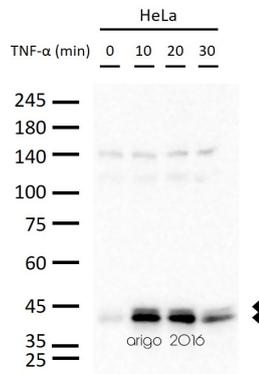
Western blot: 30 µg of 1) HeLa, 2) HeLa + EGF 5 min, and 3) HeLa + EGF 10 min stained with [ARG52277](#) anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody (Top) and [ARG55797](#) anti-ERK1 + ERK2 antibody (Bottom) at 1:1000 dilution.



ARG52277 anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody WB image

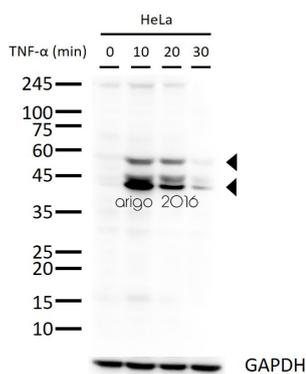
Western blot: Madin-Darby Canine Kidney stained with ARG52277 anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody.

From Heng-Ai Chang et al. Cell Death Discov (2023), [doi: 10.1038/s41420-023-01687-5](https://doi.org/10.1038/s41420-023-01687-5), Fig. S5..



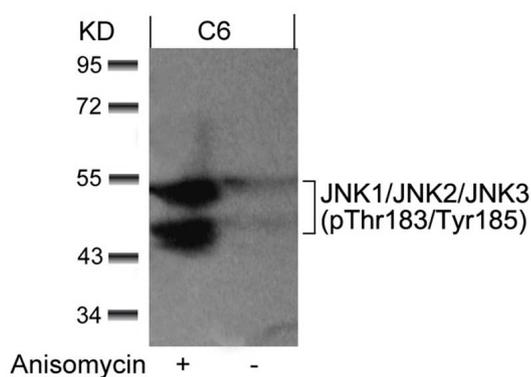
ARG52277 anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody WB image

Western blot: 30 μg of HeLa cells untreated or treated with TNF-alpha at 20 ng/ml dilution (10, 20, and 30 min). The blots were stained with ARG52277 anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody at 1:1000 dilution.



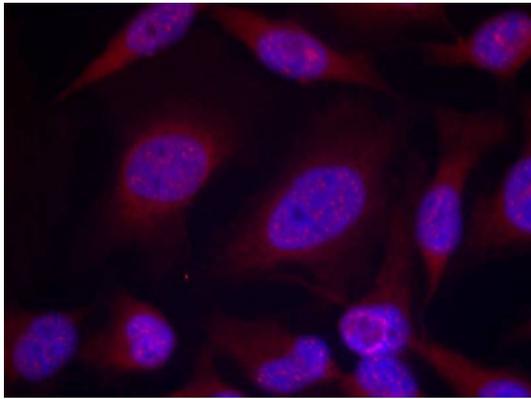
ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody WB image

Western blot: 30 μg of HeLa cells untreated or treated with TNF-alpha at 10, 20, or 30 min. The blots were stained with ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody at 1:500 dilution.



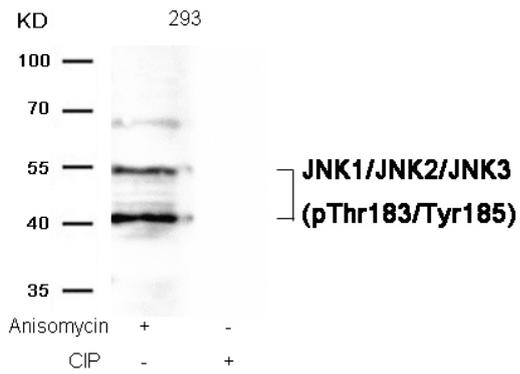
ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody WB image

Western blot: Extracts from C6 cells untreated or treated with anisomycin. The blots were stained with ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody.



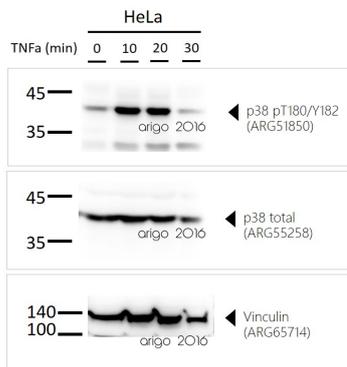
ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody ICC/IF image

Immunofluorescence: Methanol-fixed HeLa cells stained with ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody.



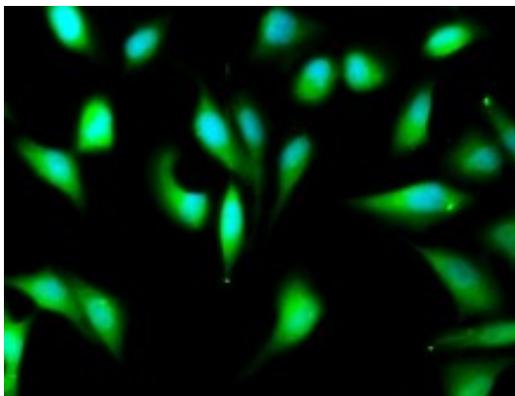
ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody WB image

Western blot: Extracts from 293 cells, treated with Anisomycin or calf intestinal phosphatase (CIP). The blots were stained with ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody.



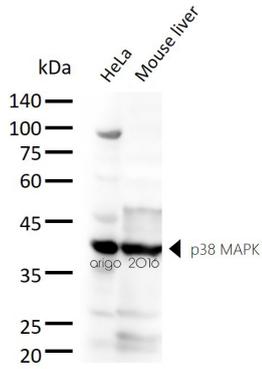
ARG55258 anti-p38 MAPK antibody WB image

Western blot: 30 µg of HeLa treated with TNFa at 0, 10, 20, and 30 min. The blots stained with [ARG51850](#) anti-P38 MAPK phospho (Thr180/Tyr182) antibody, [ARG55258](#) anti-p38 MAPK antibody, and [ARG65714](#) anti-Vinculin antibody.



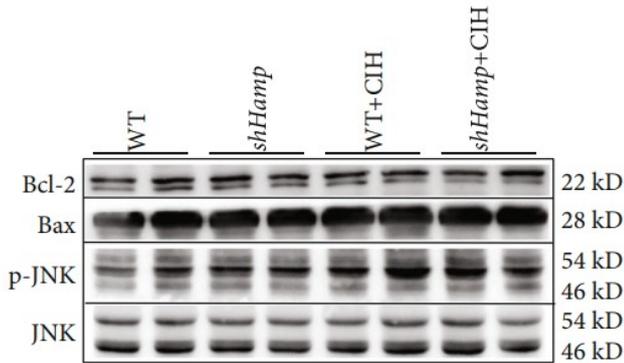
ARG55258 anti-p38 MAPK antibody ICC/IF image

Immunofluorescence: A549 cell stained with ARG55258 anti-p38 MAPK antibody. Blue: DAPI for nuclear staining.



#### ARG55258 anti-p38 MAPK antibody WB image

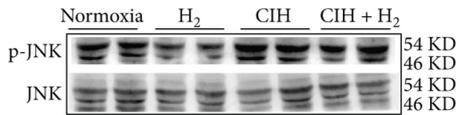
Western blot: 30 µg of HeLa, and Mouse liver lysate stained with ARG55258 anti-p38 MAPK antibody at 1:2000 dilution.



#### ARG51218 anti-SAPK / JNK antibody WB image

Western blot: Mouse Hippocampus stained with ARG51218 anti-SAPK / JNK antibody.

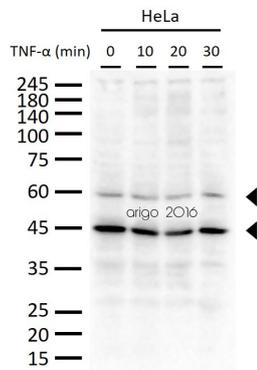
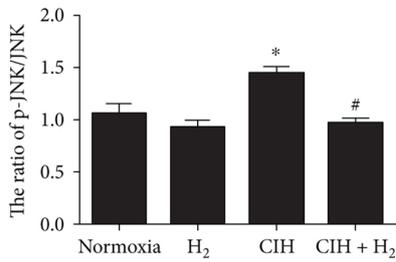
From Ya-Shuo Zhao et al. *Oxid Med Cell Longev.* (2021), [doi: 10.1155/2021/8520967](https://doi.org/10.1155/2021/8520967), Fig. 6. c.



#### ARG51218 anti-SAPK / JNK antibody WB image

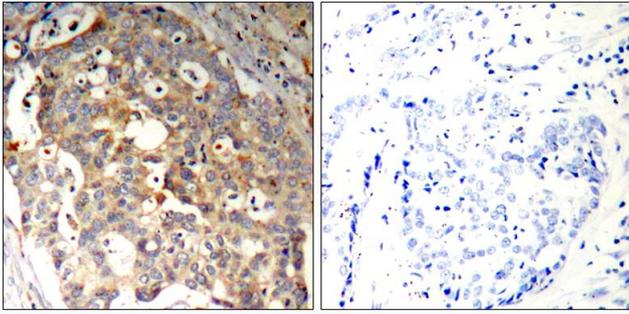
Western blot: Rat Myocardial stained with ARG51218 anti-SAPK / JNK antibody.

From Ya-Shuo Zhao et al. *Oxidative Medicine and Cellular Longevity.* (2019), [doi: 10.1155/2019/7415212](https://doi.org/10.1155/2019/7415212), Fig. 4. d.



#### ARG51218 anti-SAPK / JNK antibody WB image

Western blot: 30 µg of HeLa cells untreated or treated with TNF-alpha at 20 ng/ml dilution (10, 20, and 30 min). The blots were stained with ARG51218 anti-SAPK / JNK antibody at 1:500 dilution.



ARG51218 anti-SAPK / JNK antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human breast carcinoma tissue stained with ARG51218 anti-SAPK / JNK antibody (left) or the same antibody preincubated with blocking peptide (right).