

## ARG30349 MAPK signaling antibody panel

Package: 1 kit  
Store at: -20°C

### Component

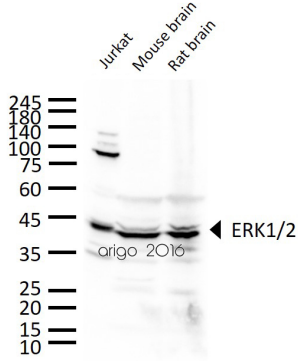
Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51218	anti-SAPK / JNK antibody	Rabbit pAb	Hu, Ms, Rat	IHC-P, WB	20 µl
ARG51807	anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, WB	20 µl
ARG55797	anti-ERK1 + ERK2 antibody	Rabbit pAb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

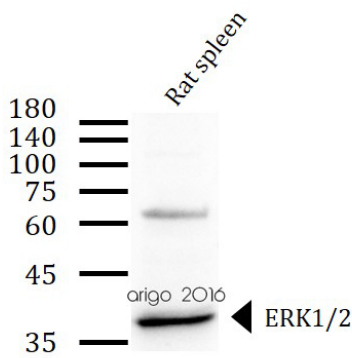
### Properties

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.



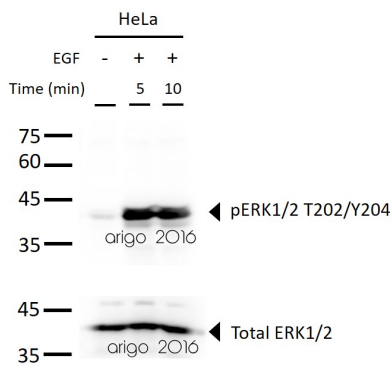
ARG55797 anti-ERK1 + ERK2 antibody WB image

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



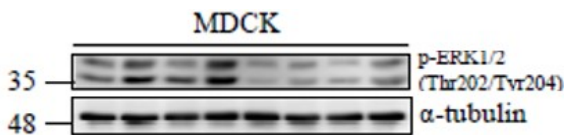
ARG55797 anti-ERK1 + ERK2 antibody WB image

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

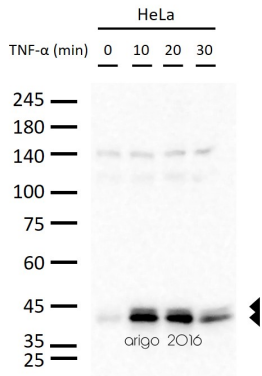
Western blot: 30 µg of 1) HeLa, 2) HeLa + EGF 5 min, and 3) HeLa + EGF 10 min stained with [ARG52277](#) anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody (Top) and [ARG55797](#) anti-ERK1 + ERK2 antibody (Bottom) at 1:1000 dilution.



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

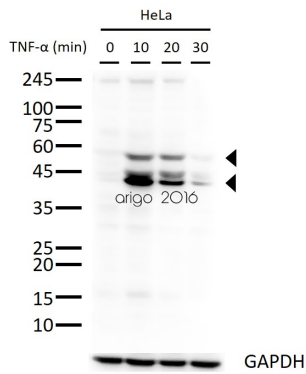
Western blot: Madin-Darby Canine Kidney stained with ARG52277 anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody.

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..



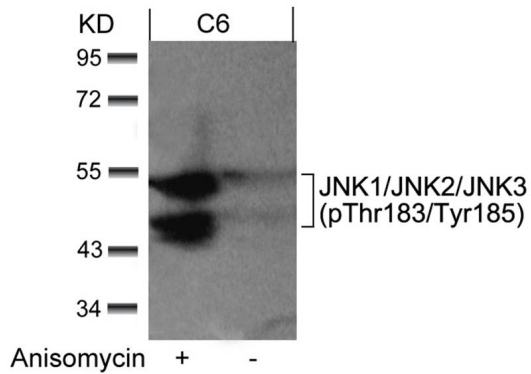
**ARG52277 anti-ERK1 + ERK2 phospho (Thr202 / Tyr204) antibody  
WB image**

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.



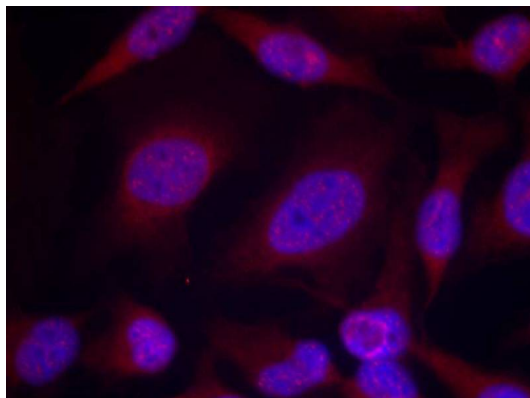
**ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223))  
antibody WB image**

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.



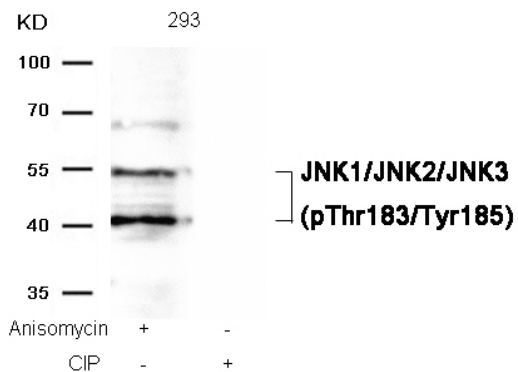
**ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223))  
antibody WB image**

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.



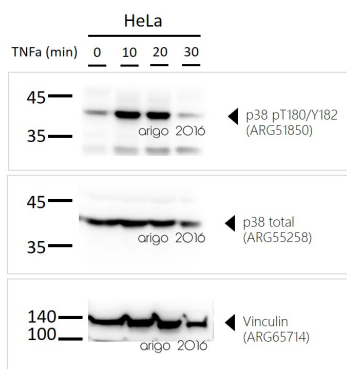
**ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223))  
antibody ICC/IF image**

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



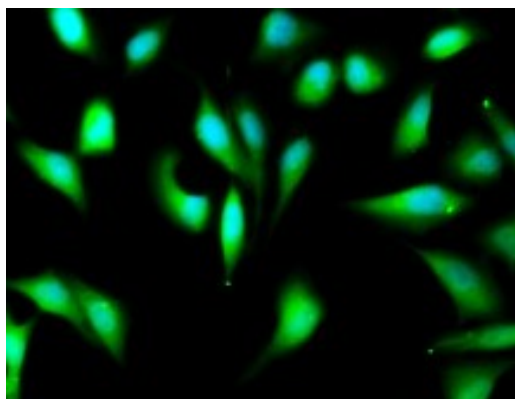
#### ARG51807 anti-SAPK / JNK phospho (Thr183 (221) / Tyr185 (223)) antibody WB image

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.



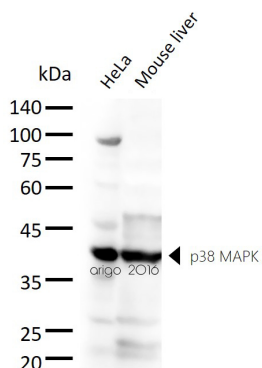
#### ARG55258 anti-p38 MAPK antibody WB image

Western blot: 30 µg of HeLa treated with TNFα 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.



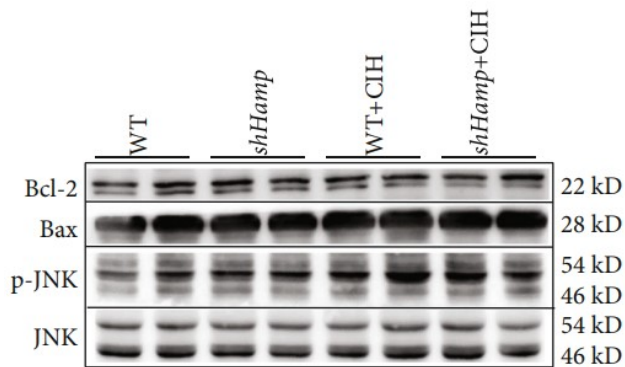
#### ARG55258 anti-p38 MAPK antibody ICC/IF image

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



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

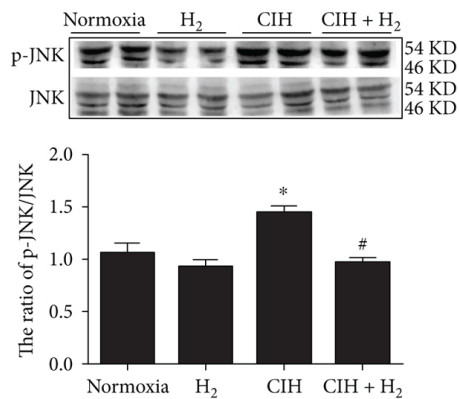
Western blot: 30 µg of HeLa, and Mouse liver lysate stained with ARG55258 anti-p38 MAPK antibody at 1:2000 dilution.



ARG51218 nti-SAPK / JNK antibody WB image

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

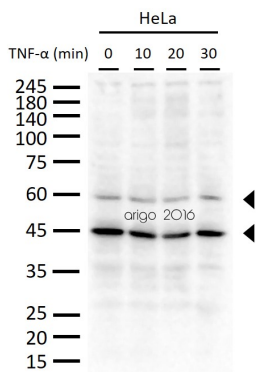
From Ya-Shuo Zhao et al. Oxid Med Cell Longev. (2021), [doi: 10.1155/2021/8520967](https://doi.org/10.1155/2021/8520967), Fig. 6. c.



ARG51218 anti-SAPK / JNK antibody WB image

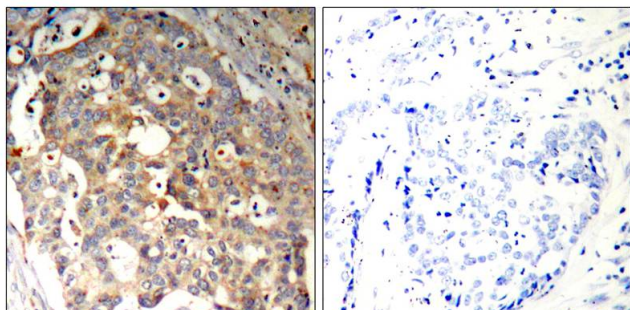
Western blot: Rat Myocardial stained with ARG51218 anti-SAPK / JNK antibody.

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).