

Phospho-JNK1/JNK2 (Thr183, Tyr185) Monoclonal Antibody (E. 665.10)

Product Details	
Size	200 µL
Species Reactivity	Hamster, Human, Mouse, Rat, Yeast
Published Species	Pig, Zebrafish, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	E.665.10
Conjugate	Unconjugated
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding pThr183/Tyr185 of human SAPK /JNK
Form	Liquid
Concentration	591 µg/mL
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	<0.02% sodium azide
Storage conditions	-20°C
RRID	AB_10979596

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunocytochemistry (ICC/IF)	1:200	-
Flow Cytometry (Flow)	1:400	-
Immunoprecipitation (IP)	1:250	-
ChIP assay (ChIP)	1-3 µL	-

Product Specific Information

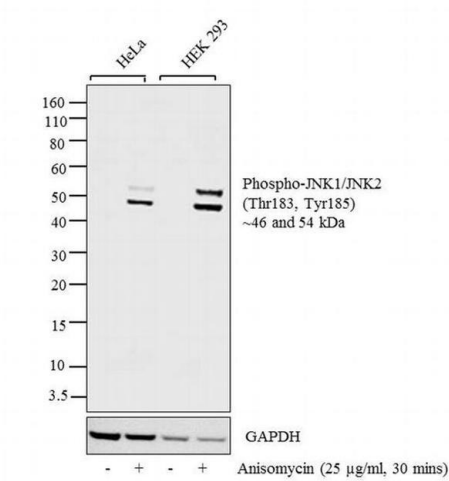
Antibodies to this protein (and modification) were previously sold as part of a Thermo Scientific Cellomics High Content Screening Kit. This replacement antibody is now recommended for researchers who need an antibody for high content cell based assays. It has been thoroughly tested and validated for cellular immunofluorescence (IF) applications. Further optimization including the selection of the most appropriate fluorescent Dylight conjugated secondary antibody may have to be performed for your high content assay.

It is not recommended to aliquot this antibody.

Product Images For Phospho-JNK1/JNK2 (Thr183, Tyr185) Monoclonal Antibody (E.665.10)

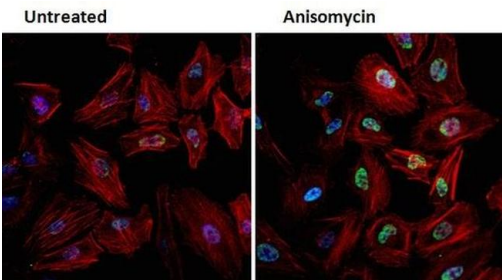
Phospho-JNK1/JNK2 (Thr183, Tyr185) Antibody (MA5-15228) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HeLa (Lane 1), HeLa treated with Anisomycin (25 µg/mL for 30 mins) (Lane 2), HEK 293 (Lane 3) and HEK 293 treated with Anisomycin (25 µg/mL for 30 mins) (Lane 4). The blot was probed with Anti Phospho-JNK1/JNK2 (Thr183, Tyr185) Monoclonal Antibody (Product # MA5-15228, 1:500 dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 46 and 54 kDa band corresponding to Phospho-JNK1/JNK2 (Thr183, Tyr185) was detected on in the cell lines upon Anisomycin treatment.



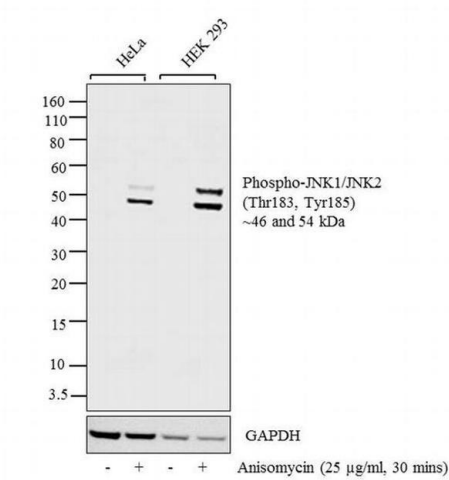
Phospho-JNK1/JNK2 (Thr183, Tyr185) Antibody (MA5-15228)

Modulation of expression of target protein by cell treatment to demonstrate antibody specificity. Immunofluorescence analysis of Phospho-JNK1/JNK2 (Thr183, Tyr185) using a Phospho-SAPK/JNK pThr183/Tyr185 monoclonal antibody (Product # MA5-15228) shows induction of JNK1/JNK2 (Thr183, Tyr185) phosphorylation in HeLa cells treated with anisomycin, as compared to untreated cells. {TM}



Phospho-JNK1/JNK2 (Thr183, Tyr185) Antibody (MA5-15228)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Phospho-JNK1/JNK2 (Thr183, Tyr185) using Anti Phospho-JNK1/JNK2 (Thr183, Tyr185) Monoclonal Antibody (Product # MA5-15228) shows an induction of phospho-JNK1/JNK2 (Thr183, Tyr185) upon Anisomycin treatment in the cell lines tested. {TM}



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Western Blot (2)

<p>International journal of molecular sciences</p> <p>Establishment and Characterization of Immortalized Miniature Pig Pancreatic Cell Lines Expressing Oncogenic K-Ras^{G12D}.</p> <p>"Published figure using Phospho-JNK1/JNK2 (Thr183, Tyr185) monoclonal antibody (Product # MA5-15228) in Western Blot"</p> <p>Authors: Yang HJ,Song BS,Sim BW,Jung Y,Chae U,Lee DG,Cha JJ,Baek SJ,Lim KS,Choi WS,Lee HY,Son HC,Park SH,Jeong KJ,Kang P,Baek SH,Koo BS,Kim HN,Jin YB,Park YH,Choo YK,Kim SU</p>	<p>Year 2020</p> <p>Species Pig</p>
<p>Cancer research</p> <p>Syndecan-1 (CD138) Suppresses Apoptosis in Multiple Myeloma by Activating IGF1 Receptor: Prevention by SynstatinIGF1R Inhibits Tumor Growth.</p> <p>"MA5-15228 was used in western blot to elucidate how syndecan-1 contributes to multiple myeloma"</p> <p>Authors: Beauvais DM,Jung O,Yang Y,Sanderson RD,Rapraeger AC</p>	<p>Year 2016</p> <p>Species Human</p>

Immunohistochemistry (Paraffin) (1)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Duox1-derived H2O2 modulates Cxcl8 expression and neutrophil recruitment via JNK/c-JUN/AP-1 signaling and chromatin modifications.</p> <p>"MA5-15228 was used in immunohistochemistry - paraffin section to study the relationship between two neutrophil chemoattractants, DUOX1-derived hydrogen peroxide and CXCL8"</p> <p>Authors: de Oliveira S,Boudinot P,Calado A,Mulero V</p>	<p>Year 2015</p> <p>Species Zebrafish</p> <p>Dilution 1:100</p>
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