

Product Datasheet

JNK1 Antibody (2F11) - Azide and BSA Free H00005599-M11

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005599-M11

JNK1 Antibody (2F11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

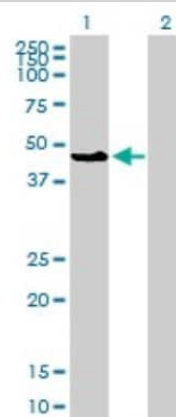
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5599
Gene Symbol	MAPK8
Species	Human
Specificity/Sensitivity	MAPK8 - mitogen-activated protein kinase 8 (2F11)
Immunogen	MAPK8 (NP_002741.1, 1 a.a. ~ 384 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSRSKRDNNFYSVEIGDSTFTVLKRYQNLKPIGSGAQQGIVCAAYDAILERNVAIK KLSRPFQNQTHAKRAYRELVLMKCVNHKNIIGLLNVFTPQKSLEEFQDVYIVME LMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCT LKILDFGLARTAGTSFMMTPYVVTRYRAPEVILGMGYKENVDLWSVGCIMGE MVCHKILFPGRDYIDQWNKVIEQLGTPCPEFMKKLQPTVRTYVENRPKYAGYS FEKLFDPDLFPADSEHNKLKASQARDLLSKMLVIDASKRISVDEALQHPYINVW YDPSEAEAPPKIPDKQLDEREHTIEEWKELIYKEVMDLEERTKNGVIRGQPSP LAQVQQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

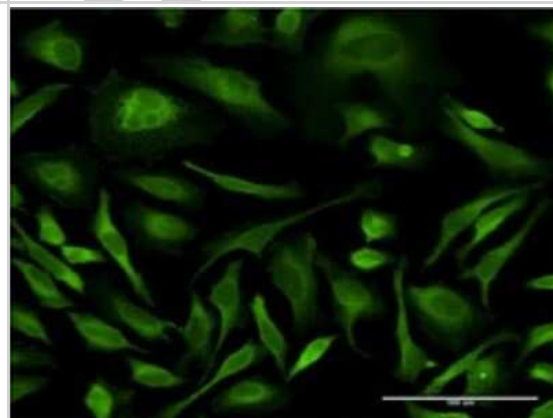


Images

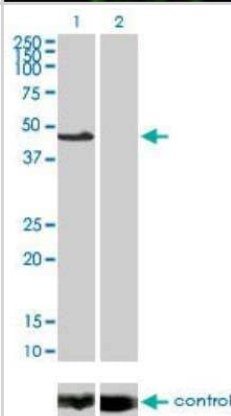
Western Blot: JNK1 Antibody (2F11) [H00005599-M11] - Analysis of MAPK8 expression in transfected 293T cell line by MAPK8 monoclonal antibody (M11), clone 2F11. Lane 1: MAPK8 transfected lysate (48.3 KDa). Lane 2: Non-transfected lysate.



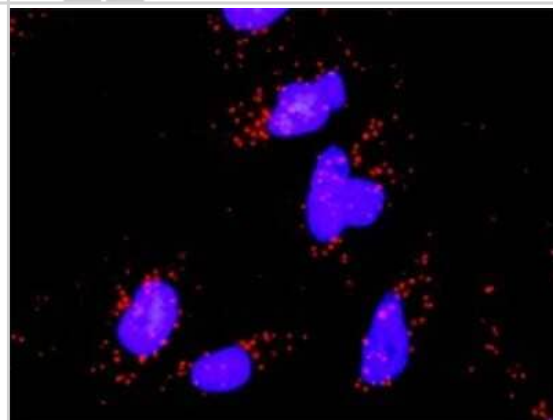
Immunocytochemistry/Immunofluorescence: JNK1 Antibody (2F11) [H00005599-M11] - Analysis of monoclonal antibody to MAPK8 on HeLa cell. Antibody concentration 10 ug/ml



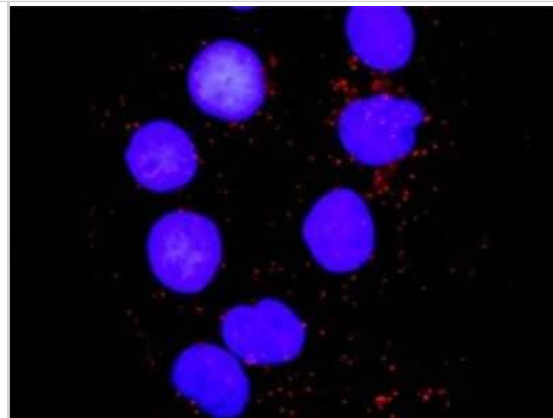
Western Blot: JNK1 Antibody (2F11) [H00005599-M11] - Analysis of MAPK8 over-expressed 293 cell line, cotransfected with MAPK8 Validated Chimera RNAi or non-transfected control. Blot probed with H00005599-M11. GAPDH (36.1 kDa) used as loading control.



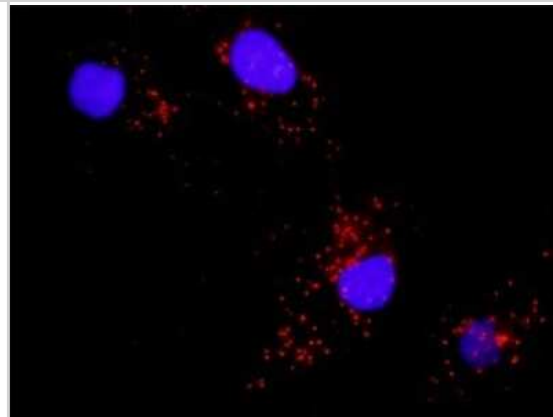
Proximity Ligation Assay: JNK1 Antibody (2F11) [H00005599-M11] - Analysis of protein-protein interactions between CRK and MAPK8. HeLa cells were stained with anti-CRK rabbit purified polyclonal 1:1200 and anti-MAPK8 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction com



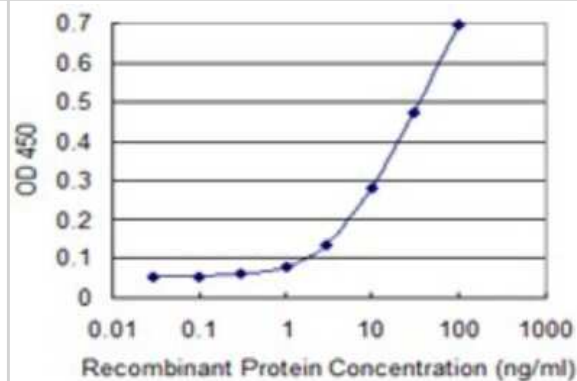
Proximity Ligation Assay: JNK1 Antibody (2F11) [H00005599-M11] - Analysis of protein-protein interactions between PXN and MAPK8. Huh7 cells were stained with anti-PXN rabbit purified polyclonal 1:1200 and anti-MAPK8 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction com



Proximity Ligation Assay: JNK1 Antibody (2F11) [H00005599-M11] - Analysis of protein-protein interactions between BAD and MAPK8. Mahlavu cells were stained with anti-BAD rabbit purified polyclonal 1:1200 and anti-MAPK8 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction



Sandwich ELISA: JNK1 Antibody (2F11) [H00005599-M11] - Detection limit for recombinant GST tagged MAPK8 is 1 ng/ml as a capture antibody.



Publications

Okamura T, Antoun G, Keir ST et al. Phosphorylation of Glutathione S-Transferase P1 (GSTP1) by Epidermal Growth Factor Receptor (EGFR) Promotes Formation of the GSTP1-c-Jun N-terminal kinase (JNK) Complex and Suppresses JNK Downstream Signaling and Apoptosis in Brain Tumor Cells. J Biol Chem 2015-10-01 [PMID: 26429914]



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Products Related to H00005599-M11

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-52123-0.1mg	Recombinant Human JNK1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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