

# Product Datasheet

## JNK1 Antibody (OTI4E3) NBP1-48284

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-48284****JNK1 Antibody (OTI4E3)**

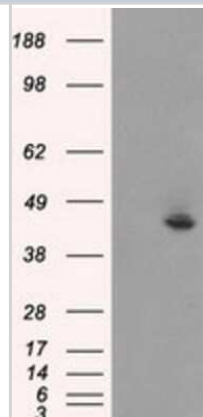
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.66 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI4E3
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	44 kDa

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5599
<b>Gene Symbol</b>	MAPK8
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Specificity/Sensitivity</b>	This antibody is specific for Homo sapiens mitogen-activated protein kinase 8 (MAPK8), transcript variant JNK1-a1.
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 1-384 of human JNK1 (NP_002741) produced in E.coli.

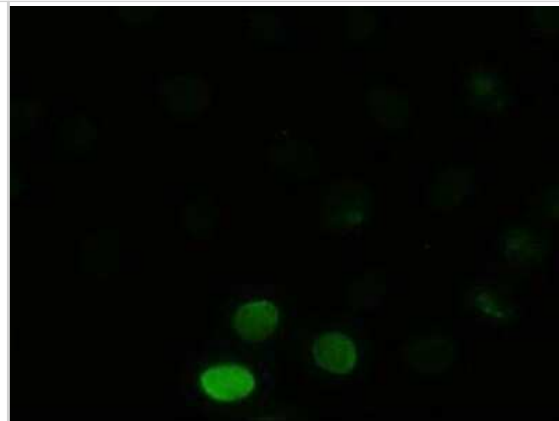
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

**Images**

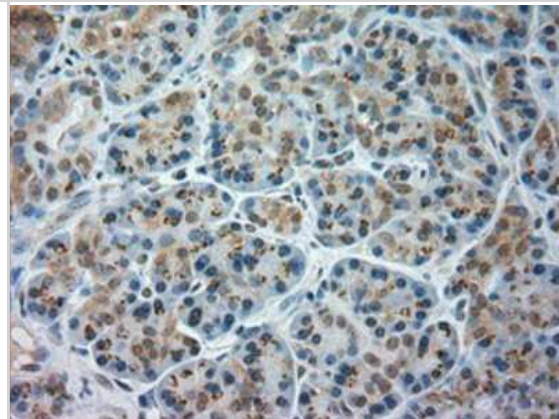
Western Blot: JNK1 Antibody (4E3) [NBP1-48284] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY JNK1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-JNK1.



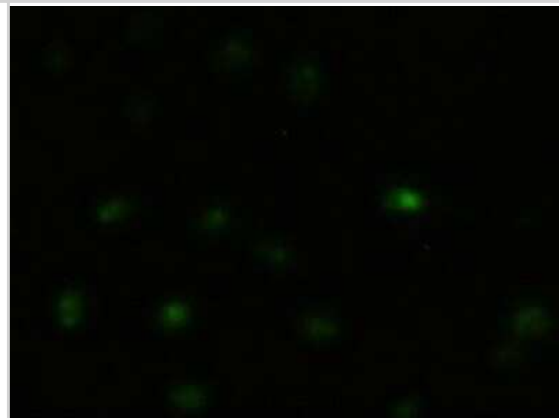
Immunocytochemistry/Immunofluorescence: JNK1 Antibody (4E3) [NBP1-48284] Staining of COS7 cells transiently transfected by pCMV6-ENTRY JNK1.



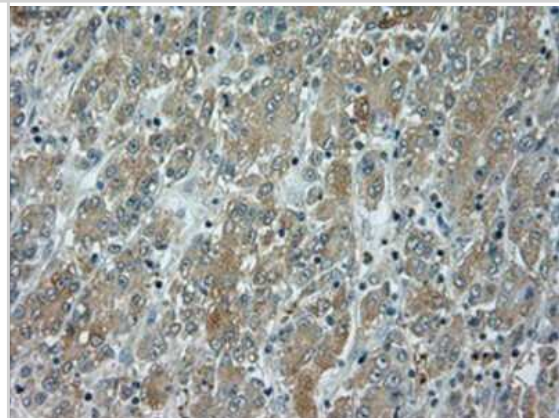
Immunohistochemistry-Paraffin: JNK1 Antibody (4E3) [NBP1-48284] - Staining of paraffin-embedded Human pancreas tissue using anti-JNK1 mouse monoclonal antibody.



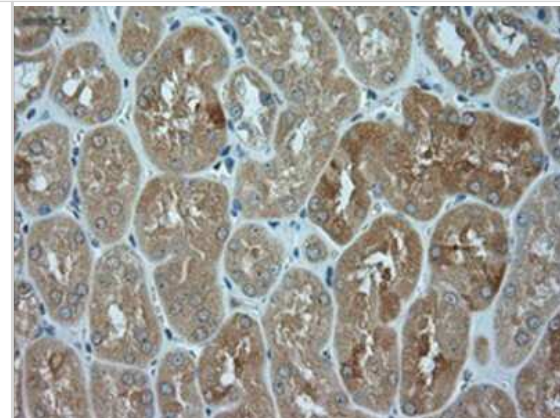
Immunocytochemistry/Immunofluorescence: JNK1 Antibody (4E3) [NBP1-48284] - Immunofluorescent staining of HeLa cells using anti-JNK1 mouse monoclonal antibody.



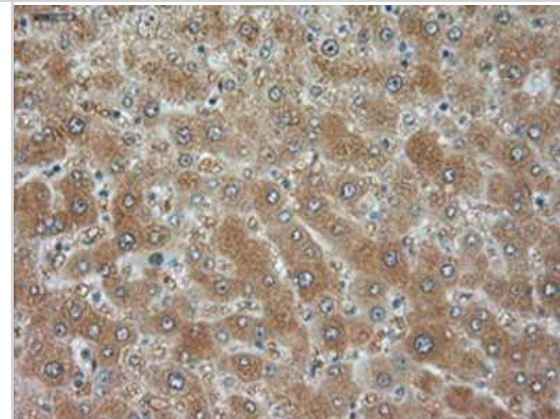
Immunohistochemistry-Paraffin: JNK1 Antibody (4E3) [NBP1-48284] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-JNK1 mouse monoclonal antibody.



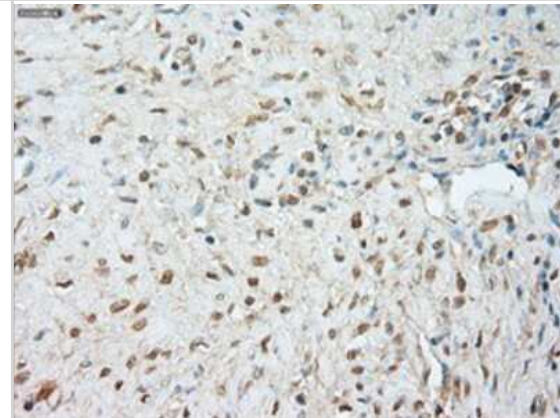
Immunohistochemistry-Paraffin: JNK1 Antibody (4E3) [NBP1-48284] - Staining of paraffin-embedded Human Kidney tissue using anti-JNK1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: JNK1 Antibody (4E3) [NBP1-48284] - Staining of paraffin-embedded Human liver tissue using anti-JNK1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: JNK1 Antibody (4E3) [NBP1-48284] - Staining of paraffin-embedded Human Ovary tissue using anti-JNK1 mouse monoclonal antibody.



## Publications

Prasenjit Manna, Saikat Dewanjee, Swarnalata Joardar, Pratik Chakraborty, Hiranmoy Bhattacharya, Shrestha Bhanja, Chiranjib Bhattacharyya, Manas Bhowmik, Shovonlal Bhowmick, Achintya Saha, Joydeep Das, Parames C Sil Carnosic acid attenuates doxorubicin-induced cardiotoxicity by decreasing oxidative stress and its concomitant pathological consequences. Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association 2022-07-19 [PMID: 35675861]



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### **Products Related to NBP1-48284**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-52123-0.1mg	Recombinant Human JNK1 His Protein

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### **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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