JNK1/JNK2 Monoclonal Antibody (279Q38)

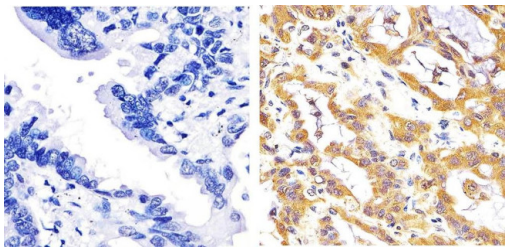
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	279Q38
Conjugate	Unconjugated
Immunogen	Recombinant fragment of human JNK1-alpha-1 expressed in E. coli.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 1% BSA
Contains	0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2536335

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	4 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	-

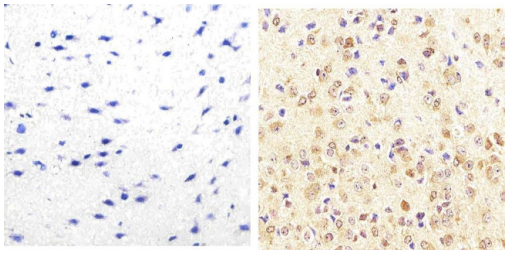
Product Specific Information

Recommended positive controls: human Jurkat cells, mouse L929 cells and rat L6 cells.

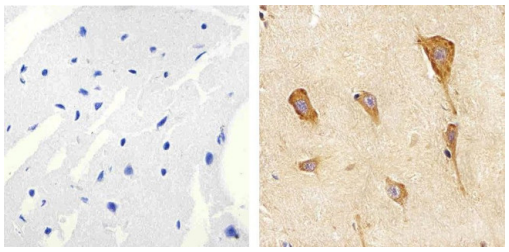
Product Images For JNK1/JNK2 Monoclonal Antibody (279Q38)



JNK1/JNK2 Antibody (AHO1362) in IHC (P)
Immunohistochemistry analysis of JNK1/2 showing staining in the cytoplasm and nucleus of paraffin-embedded human lung adenocarcinoma tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a JNK1/2 monoclonal antibody (Product # AHO1362) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



JNK1/JNK2 Antibody (AHO1362) in IHC (P)
Immunohistochemistry analysis of JNK1/2 showing staining in the cytoplasm and nucleus of paraffin-embedded mouse brain tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a JNK1/2 monoclonal antibody (Product # AHO1362) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



JNK1/JNK2 Antibody (AHO1362) in IHC (P)
Immunohistochemistry analysis of JNK1/2 showing staining in the cytoplasm and nucleus of paraffin-embedded human brain tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a JNK1/2 monoclonal antibody (Product # AHO1362) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.

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4 References

Western Blot (4)

Molecules and cells

Microtubule Acetylation-Specific Inhibitors Induce Cell Death and Mitotic Arrest via JNK/AP-1 Activation in Triple-Negative Breast Cancer Cells.

"AHO1362 was used in Western Blotting to investigate inhibition of microtubule acetylation to treat breast cancer."

Authors: Ahn S,Kwon A,Oh Y,Rhee S,Song WK

Year
2023

Species
Human

Oncology reports

Progesterone suppresses the progression of colonic carcinoma by increasing the activity of the GADD45/JNK/cJun signalling pathway.

"Published figure using JNK1/JNK2 monoclonal antibody (Product # AHO1362) in Western Blot"

Authors: Zhang YL,Wen XD,Guo X,Huang SQ,Wang TT,Zhou PT,Li W,Zhou LF,Hu YH

Year
2021

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