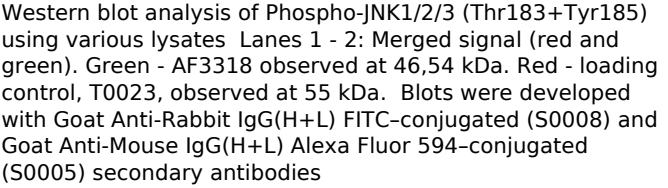
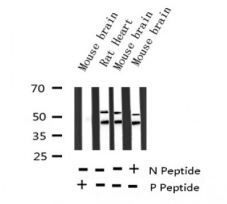
Phospho-JNK1/2/3 (Thr183+Tyr185) Ab

Cat.#: AF3318	Concn.: 1mg/ml	Mol.Wt.: 46,54kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000 IHC 1:100-1:500 IF 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-JNK1/2/3 (Thr183+Tyr185) Ab detects endogenous levels of JNK1/2/3 only when phosphorylated at Threonine 183+Tyrosine 185.
Immunogen:	A synthesized peptide derived from human JNK1/2/3 around the phosphorylation site of Threonine 183+Tyrosine 185.
Uniprot:	P45983/P45984/P53779
Description:	JNK3 a protein kinase of the MAPK family that is potently activated by a variety of environmental stress and pro-inflammatory cytokines. Brain-selective JNK isoform.
Subcellular Location:	Cytoplasm. Nucleus.
Similarity:	The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

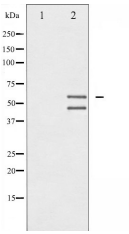


Western blot analysis of Phospho-JNK1/2/3 (Thr183+Tyr185) using various lysates Lanes 1 - 2: Merged signal (red and green). Green - AF3318 observed at 46,54 kDa. Red - loading control, T0023, observed at 55 kDa. Blots were developed with Goat Anti-Rabbit IgG(H+L) FITC–conjugated (S0008) and Goat Anti-Mouse IgG(H+L) Alexa Fluor 594–conjugated (S0005) secondary antibodies

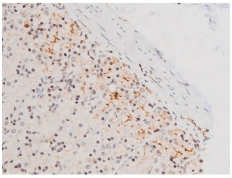


Western blot analysis of Phospho-JNK1/2/3 (Thr183+Tyr185) expression in various lysates

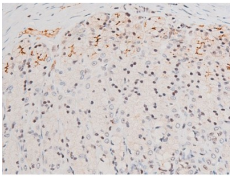
This image is a courtesy of anonymous review.



Western blot analysis of JNK1/2/3 phosphorylation expression in UV treated 293 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.



AF3318 at 1/200 staining Rat ganstric tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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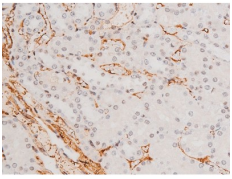
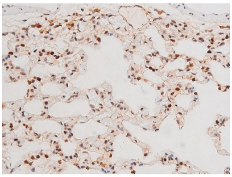


AF3318 at 1/200 staining Rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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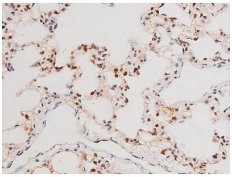

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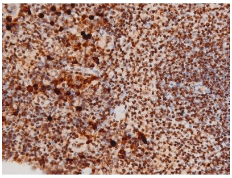
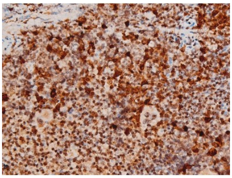


AF3318 at 1/200 staining Mouse spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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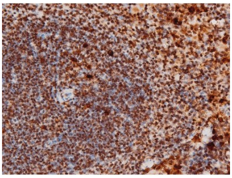

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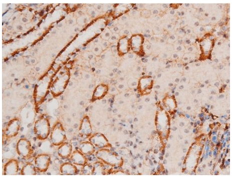
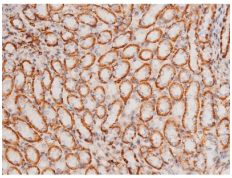


AF3318 at 1/200 staining Mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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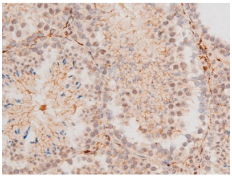
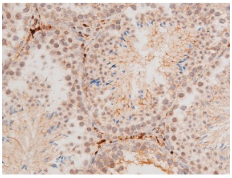


AF3318 at 1/200 staining Mouse testis tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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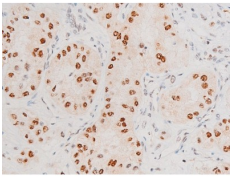
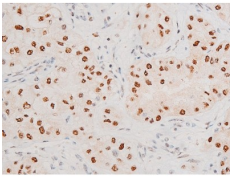


AF3318 at 1/200 staining Human bladder cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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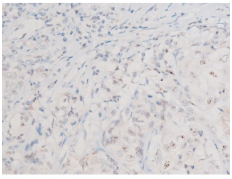
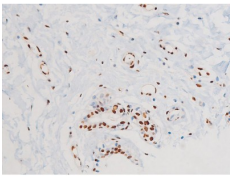
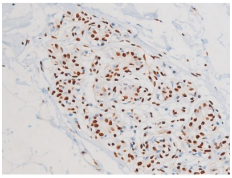


AF3318 at 1/200 staining Human liver cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF3318 at 1/200 staining Human heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



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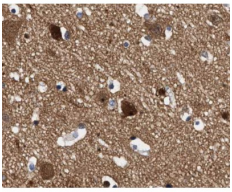
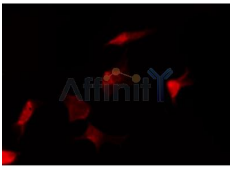
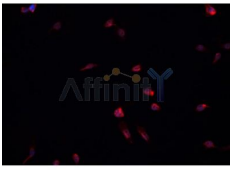


Phospho-JNK1/2/3 (Thr183+Tyr185) Ab for IHC in human brain tissue.



AF3318 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.



AF3318 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Cat.# S0006), diluted at 1/600, was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.