



## Affinity-Purified Rabbit Anti-phospho-JNK (T183/T185) Antibody

Specificity: Mouse phospho-JNK (T183/T185)	Size: 0.1 mg
Source: Rabbit	IgG Type: rabbit IgG

**Background:**

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-help cells into Th1 cells.

**Other Name:** Stress-activated protein kinase JNK

**Specificity:**

Mouse: Positive

**Application :** For western blot analysis, an antibody concentration of 1 µg/ml is recommended

ELISA Western blotting Immunohistochemistry Immunoprecipitation Flow cytometry	Positive Positive 1 mg/ml Positive Positive Positive
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**Isotype:** Rabbit IgG

**Description:** This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding the phospho sites.

**Storage:** Upon reconstitution, maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C to -70°C. Lyophilized samples are stable for twelve months from the date of receipt when stored at -20°C to -70°C

**Format:** Purified rabbit monoclonal antibody supplied in PBS with 0.02% (W/V) sodium azide. This antibody is first purified by protein G affinity chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low salt and neutralized immediately, followed by dialysis against PBS.

**Precautions:** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**References:**

1. [Suri A.](#); "Characterization of a novel human sperm-associated antigen 9 (SPAG9) having structural homology with c-Jun N-terminal kinase interacting protein.";  
[Biochem. J. 389:73-82\(2005\).](#)
2. [Cohen P.](#);  
"Synergistic activation of stress-activated protein kinase 1/c-Jun N-terminal kinase (SAPK1/JNK) isoforms by mitogen-activated protein kinase kinase 4 (MKK4) and MKK7.";  
[Biochem. J. 352:145-154\(2000\).](#)
3. [Karin M.](#); "JNK2 contains a specificity-determining region responsible for efficient c-Jun binding and phosphorylation.";  
[Genes Dev. 8:2996-3007\(1994\).](#)