

# Anti-JNK1 (phospho T183) antibody ab47337

**51 References**   **2 图像**

### 概述

产品名称	Anti-JNK1 (phospho T183)抗体
描述	兔多克隆抗体to JNK1 (phospho T183)
宿主	Rabbit
特异性	The region of JNK1 surrounding T183 has a high degree of similarity to the corresponding regions in JNK2 and JNK3 and thus may cross react with these proteins if phosphorylated on the corresponding residues.
经测试应用	适用于: WB, ELISA, ICC/IF, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human JNK1 aa 150-250 (phospho T183). Swiss-Prot #: P45983/P45984/P53779
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
纯度	Immunogen affinity purified
纯化说明	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab47337于以下的经测试应用

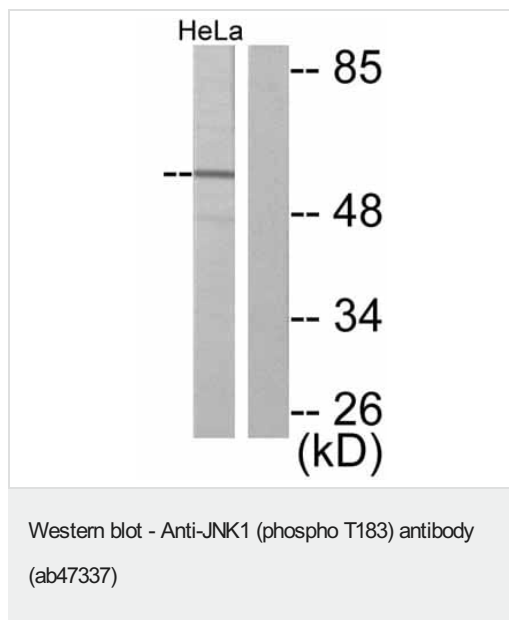
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 50 kDa (predicted molecular weight: 48 kDa).
ELISA		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration. PubMed: 23226105
IHC-P		Use at an assay dependent concentration.

## 靶标

功能	<p>Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells (By similarity). Phosphorylates heat shock factor protein 4 (HSF4).</p> <p>JNK1 isoforms display different binding patterns: beta-1 preferentially binds to c-Jun, whereas alpha-1, alpha-2, and beta-2 have a similar low level of binding to both c-Jun or ATF2. However, there is no correlation between binding and phosphorylation, which is achieved at about the same efficiency by all isoforms.</p>
序列相似性	<p>Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.</p> <p>Contains 1 protein kinase domain.</p>
结构域	<p>The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.</p>
翻译后修饰	<p>Dually phosphorylated on Thr-183 and Tyr-185, which activates the enzyme.</p>

## 图片

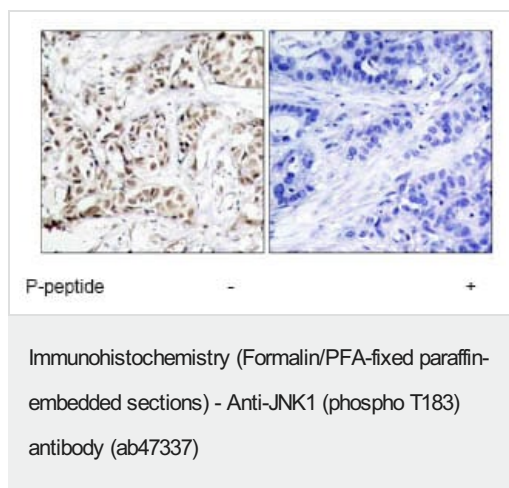


**All lanes :** Anti-JNK1 (phospho T183) antibody (ab47337)

**Lane 1 :** Extract of Hela cells treated with Anisomycin (200ng/ml, 10min)

**Lane 2 :** Extract of Hela cells, untreated

**Predicted band size:** 48 kDa



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ab47337 at a 1/50 dilution.

Left image : Un-treated

Right image : Treated with P-peptide

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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