

Datasheet for ABIN7193450
anti-JNK2 antibody (AA 227-382)

5 Images

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Overview

Quantity:	0.1 mg
Target:	JNK2 (MAPK9)
Binding Specificity:	AA 227-382
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This JNK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human MAPK9 (AA: 227-382) expressed in E. coli.
Clone:	2F6H11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	JNK2 (MAPK9)
Alternative Name:	MAPK9 (MAPK9 Products)
Background:	Description: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide

Target Details

variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase targets specific transcription factors, and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's mouse counterpart suggest a key role in T-cell differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.

Aliases: JNK2, SAPK, p54a, JNK2A, JNK2B, PRKM9, JNK-55, SAPK1a, JNK2BETA, p54aSAPK, JNK2ALPHA

Molecular Weight:	48.1 kDa
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Gene ID:	5601
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Pathways:	MAPK Signaling , WNT Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Endopeptidase Activity , Hepatitis C , Toll-Like Receptors Cascades , BCR Signaling , S100 Proteins
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Application Details

Application Notes:	WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,
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Restrictions:	For Research Use only
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Handling

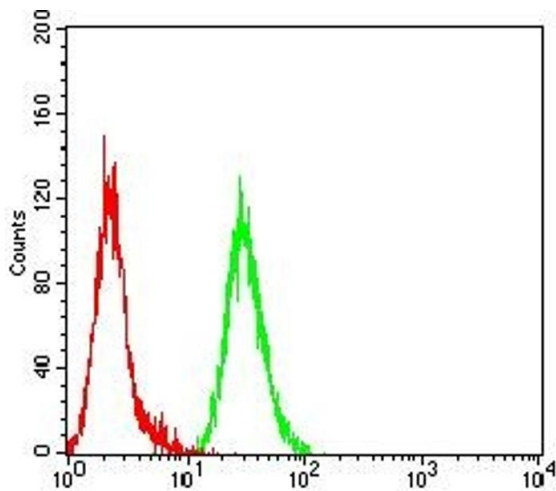
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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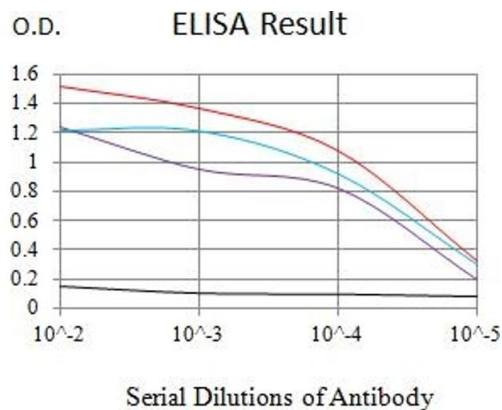
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Flow Cytometry

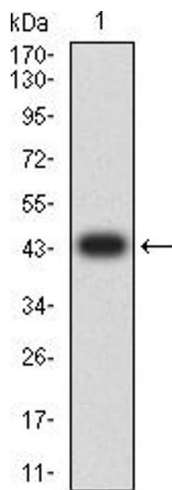
Image 1. Flow cytometric analysis of Hela cells using MAPK9 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

— Control Antigen = 100ng — Antigen = 10ng
— Antigen = 50ng — Antigen = 100ng



Western Blotting

Image 3. Western blot analysis using MAPK9 mAb against human MAPK9 (AA: 227-382) recombinant protein. (Expected MW is 44.4 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193450.