

Datasheet for ABIN1845583

anti-JNK antibody**5** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	JNK (MAPK8)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This JNK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human MAPK8 expressed in E. coli.
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	JNK (MAPK8)
Alternative Name:	MAPK8 (MAPK8 Products)
Background:	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 variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this

Target Details

kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

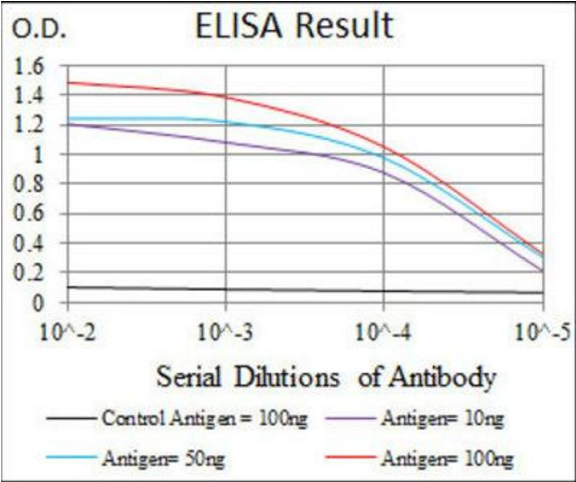
Molecular Weight:	48.3 kDa
Gene ID:	5599
Pathways:	MAPK Signaling , WNT Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Hepatitis C , Toll-Like Receptors Cascades , Signaling of Hepatocyte Growth Factor Receptor , S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

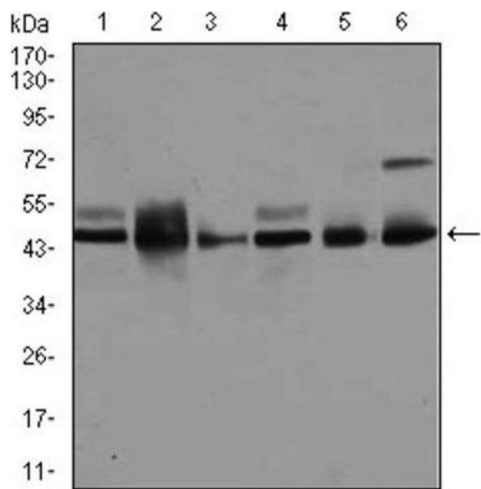
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



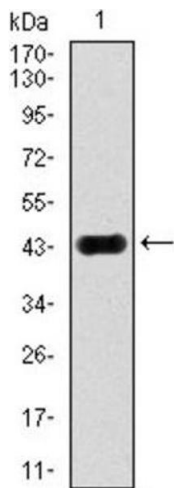
ELISA

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1845583.