Datasheet for ABIN968994

anti-C-JUN antibody

7 Images | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	C-JUN (JUN)
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This C-JUN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human c-Jun expressed in E. coli.
Clone:	5B1
Isotype:	IgG1
Purification:	purified

Target Details

Target:	C-JUN (JUN)
Alternative Name:	c-Jun (JUN Products)
Background:	Description: This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to

Target Details

	1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies. Aliases: AP1, AP-1, c-Jun, Jun
Molecular Weight:	43 kDa
Gene ID:	3725
HGNC:	3725
Pathways:	MAPK Signaling, RTK Signaling, WNT Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Myometrial Relaxation and Contraction, Skeletal Muscle Fiber Development, Protein targeting to Nucleus, Toll-Like Receptors Cascades, Autophagy, Signaling of Hepatocyte Growth Factor Receptor, BCR Signaling, S100 Proteins

Application Details

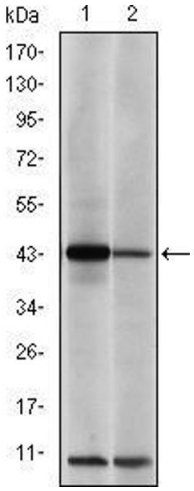
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

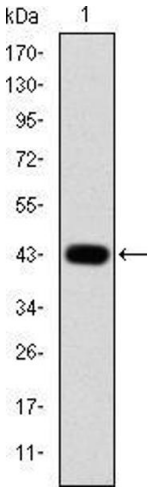
Publications

Product cited in:	Jiao, Katiyar, Willmarth, Liu, Ma, Flomenberg, Lisanti, Pestell: "c-Jun induces mammary epithelial cellular invasion and breast cancer stem cell expansion." in: **The Journal of biological chemistry**, Vol. 285, Issue 11, pp. 8218-26, (2010) (PubMed).



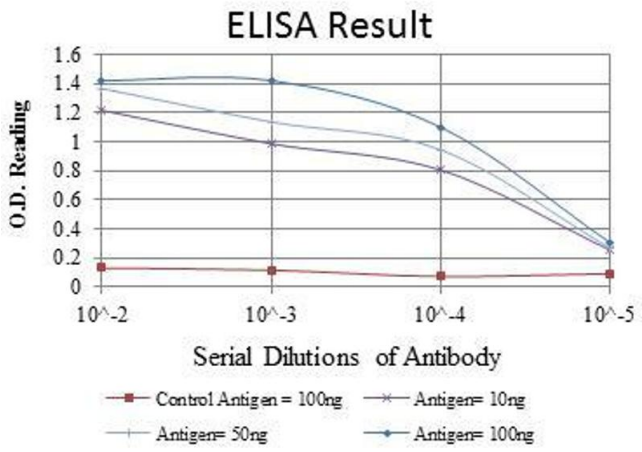
Western Blotting

Image 1. Western blot analysis using c-Jun mouse mAb against NIH/3T3 (1) and Cos7 (2) cell lysate.



Western Blotting

Image 2. Western blot analysis using c-Jun mAb against human c-Jun (AA: 199-331) recombinant protein.



ELISA

Image 3. Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),

Please check the product details page for more images. Overall 7 images are available for ABIN968994.