

## PRODUCT DATA SHEET



Bioworld Technology, Inc.

### c-Jun (N85) Antibody

Cat No.: BS1061

Host: Rabbit

Reactivity: Human, Mouse, Rat

#### BACKGROUND

Genes belonging to the Jun and Fos oncogene families encode nuclear proteins that are found to be associated with a number of transcriptional complexes. The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, while Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. An inhibitor of Fos/Jun function, termed IP-1, associates with Fos and Jun and is inactivated upon phosphorylation induced by the cAMP-dependent protein kinase A (PKA).

#### PRODUCT

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

#### PURIFICATION & PURITY

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

#### APPLICATIONS

WB: 1:500 ~ 1:1000

IHC: 1:50 ~ 1:200

IP: 1:50 ~ 1:200 (Recommended Dilutions)

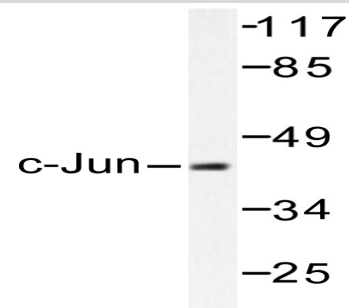
#### STORAGE & STABILITY

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

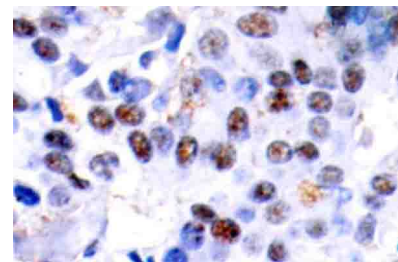
#### SPECIFICITY

c-Jun (N85) antibody detects endogenous levels of c-Jun protein.

#### DATA



Western blot (WB) analysis of c-Jun (N85) antibody in extracts from HeLa cell.



Immunohistochemistry (IHC) analyzes of c-Jun (N85) antibody in paraffin-embedded human breast carcinoma tissue.

#### RESEARCH USE

For research use only, not for use in diagnostic procedures.

Bioworld Technology, Inc.

1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA. Tel: 6123263284  
www.bioworld.com Orders: order@bioworld.com Support: support@bioworld.com