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Name:JUN (c-Jun) mouse monoclonal antibody, Clone 2A9
Product Data Sheet - TRUEMAB

Catalog: TA800639

Components:
- JUN (c-Jun) mouse monoclonal antibody, Clone 2A9 (TA800639)
- 1 vial of 20ug myc-DDK tagged JUN HEK293T over-expression lysate lyophilized in RIPA buffer (LC400825). (Reconsitute into 20ul of 1x SDS sample buffer before loading; load 5ul per lane as WB control or as desired)

Amount: 100ul

Immunogen: Full length human recombinant protein of human JUN (NP_002219) produced in E.coli.

Host: Mouse

Isotype: IgG1

Species Reactivity: Human , Dog , Rat , Mouse

Guaranteed Applications: WB, IHC

Suggested Dilutions: WB 1:2000, IHC 1:500,

Concentration: 1.00 mg/ml

Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification: Purified from mouse ascites fluids by affinity chromatography

Storage Condition: Shipped at -20C. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary.
Stable for 12 months from date of receipt.
Avoid repeated freeze-thaws.

Target

Target Name: Homo sapiens jun proto-oncogene (JUN)

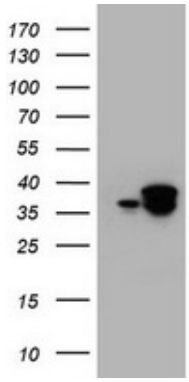
Alternative Name: AP-1; AP1; c-Jun

Database Link: NP_002219

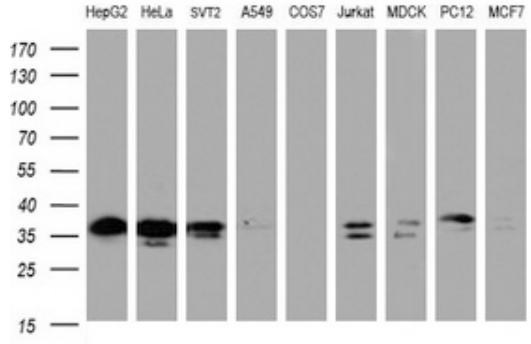
Function: This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies. [provided by RefSeq, Jul 2008].

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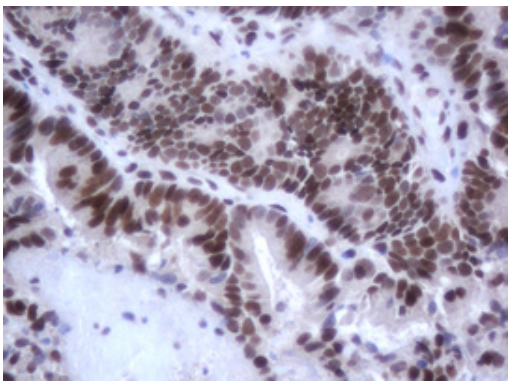
Validation Data



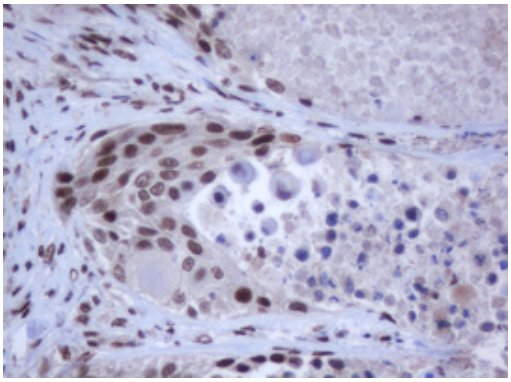
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY JUN (RC209804, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-JUN.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-JUN monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-JUN mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA800639)

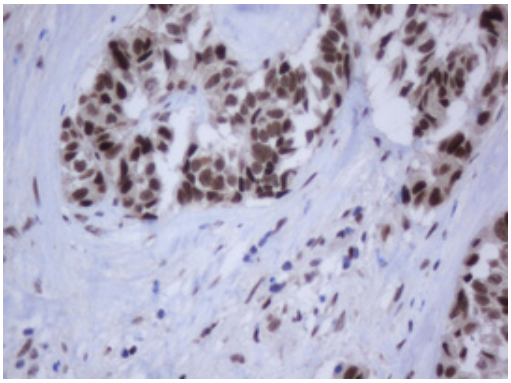


Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-JUN mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA800639)

Immunohistochemical staining of paraffin-embedded Carcinoma

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of Human pancreas tissue using anti-JUN mouse monoclonal antibody. (Heat-induced epitope retrieval by Tris-EDTA, pH8.0, TA800639)

* More validation images may be available on our website: http://www.origene.com/antibody/TA800639.aspx

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