

JUNB Recombinant Rabbit mAb

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Catalog # AP94316

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Nucleus.

Important Note This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions The cjun proto-oncogene was first identified as the cellular homolog of the avian sarcoma virus vjun oncogene. JunB and JunD have been shown to be almost identical to cjun in their C terminal regions, which are involved in dimerization and DNA binding, whereas their N terminal domains, which are involved in transcriptional activation, diverge. JunB is a transcription factor involved in regulating gene activity following the primary growth factor response. It binds to the DNA sequence 5'-TGA[CG]TCA-3'.

Additional Information

Dilution IHC-P=1:50-200,IHC-F=1:50-200,ICC/IF=1:50-200,IF=1:50-200,WB=1:500-2000

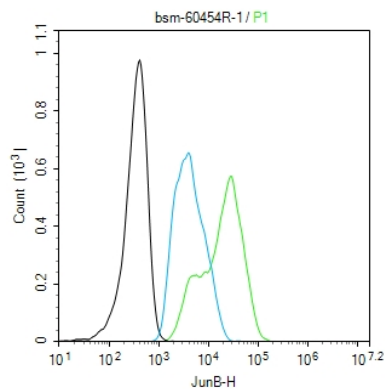
Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

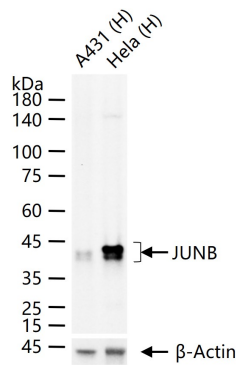
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Images

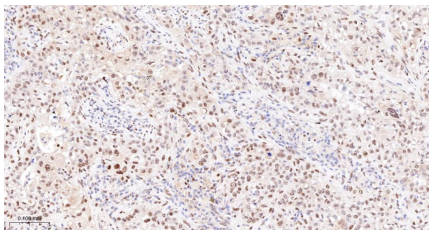
The A431 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.).Primary Antibody (green):Rabbit Anti-JunB



antibody (AP94316,1:100); Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488(AP94316-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.



25 ug total protein per lane of various lysates (see on figure) probed with JUNB monoclonal antibody, unconjugated (AP94316) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human lung squamous cell carcinoma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with JUNB Monoclonal Antibody, Unconjugated (AP94316) at 1:200 overnight at 4°C, followed by conjugation to the AP94316-HRP and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.