

## JunD Rabbit mAb

Catalog No: #49208



Package Size: #49208-1 50ul #49208-2 100ul

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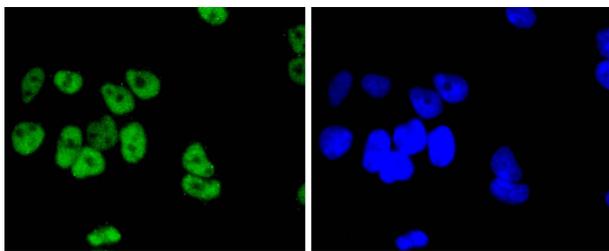
## Description

Product Name	JunD Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD0830
Purification	ProA affinity purified
Applications	WB, ICC/IF, IP
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	Activator protein 1 antibody AP 1 antibody AP1 antibody Jun D antibody jun D proto oncogene antibody JunD antibody JunD FL isoform antibody JUND_HUMAN antibody Transcription factor jun D antibody Transcription factor jun-D antibody
Accession No.	Swiss-Prot#:P17535
Calculated MW	38/42 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

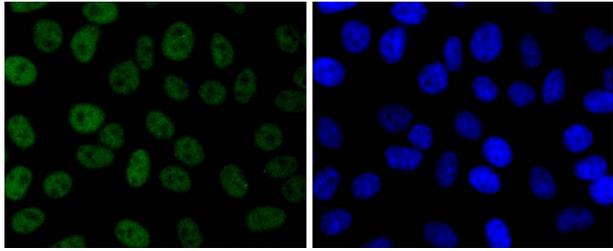
## Application Details

WB: 1:1,000-1:2,000 ICC: 1:50-1:200

## Images



ICC staining JunD in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining JunD in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

The activator protein-1 (AP-1) transcription factor consists of either Jun/Jun homodimers or Fos/Jun heterodimeric complexes. Homo- and heterodimers bind to the TGACTCA consensus sequence present in numerous promoters and initially identified as the phorbol ester tumor promoter response element (TRE). Jun B and Jun D have been shown to be almost identical to c-Jun 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. All three form heterodimers among themselves and with c-Fos and other members of the Fos gene family. Studies suggest that the two forms of Jun D may be due to internal initiation of translation.

## References

1. Suwei D et al. NLK functions to maintain proliferation and stemness of NSCLC and is a target of metformin. *J Hematol Oncol* 8:120 (2015).
2. Chen H et al. S100A14: novel modulator of terminal differentiation in esophageal cancer. *Mol Cancer Res* 11:1542-53 (2013).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.