

## **KD-Validated Anti-JunD Rabbit Monoclonal Antibody**

Rabbit monoclonal antibody Catalog # AGI1571

## **Specification**

## KD-Validated Anti-JunD Rabbit Monoclonal Antibody - Product Information

Application WB, FC, ICC Primary Accession P17535

Reactivity Rat, Human, Mouse

Clonality Monoclonal Isotype Rabbit IgG

Calculated MW Predicted, 35 kDa , observed , 38,42 kDa

KDa

Gene Name JUND

Aliases JUND; JunD Proto-Oncogene, AP-1

Transcription Factor Subunit; AP-1; Transcription Factor AP-1 Subunit JunD; Transcription Factor Jun-D; Transcription Factor JunD; Activator Protein 1; Jun D

**Proto-Oncogene; JunD-FL Isoform** 

Immunogen A synthesized peptide derived from human

JunD

#### KD-Validated Anti-JunD Rabbit Monoclonal Antibody - Additional Information

Gene ID 3727

**Other Names** 

Transcription factor JunD, Transcription factor AP-1 subunit JunD, JUND

#### KD-Validated Anti-JunD Rabbit Monoclonal Antibody - Protein Information

#### Name JUND

### **Function**

Transcription factor binding AP-1 sites (PubMed:<a

href="http://www.uniprot.org/citations/9989505" target=" blank">9989505</a>).

Heterodimerizes with proteins of the FOS family to form an AP-1 transcription factor complex, thereby enhancing their DNA binding activity to an AP-1 consensus sequence 3'-TGA[GC]TCA-5' and enhancing their transcriptional activity (PubMed:<a

href="http://www.uniprot.org/citations/28981703" target="\_blank">28981703</a>, PubMed:<a href="http://www.uniprot.org/citations/9989505" target=" blank">9989505</a>).

#### **Cellular Location**

Nucleus.

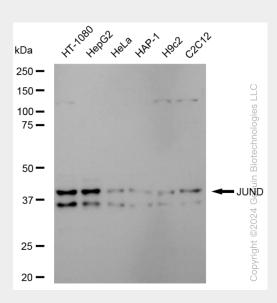
# KD-Validated Anti-JunD Rabbit Monoclonal Antibody - Protocols



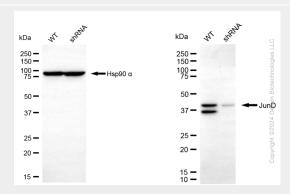
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## KD-Validated Anti-JunD Rabbit Monoclonal Antibody - Images

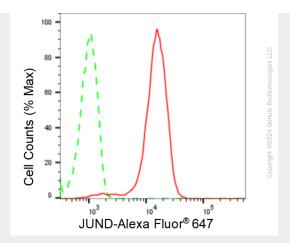


Western blotting analysis using anti-JUND antibody (Cat#AGI1571). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JUND antibody (Cat#AGI1571, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

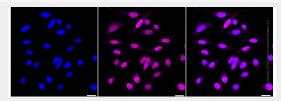


Western blotting analysis using anti-JunD antibody (Cat#AGI1571). JunD expression in wild type (WT) and JunD shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-JunD antibody (Cat#AGI1571, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.





Flow cytometric analysis of JUND expression in HepG2 cells using JUND antibody (Cat#AGI1571, 1:2,000). Green, isotype control; red, JUND.



Immunocytochemical staining of HepG2 cells with anti-JUND antibody (Cat#AGI1571, 1:1,000). Nuclei were stained blue with DAPI; JUND was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar:  $20~\mu m$ .