

**KD-Validated Anti-JunD Rabbit Monoclonal Antibody**  
**Rabbit monoclonal antibody**  
**Catalog # AGI1571****Specification**

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

Application	WB, FC, ICC
Primary Accession	<a href="#">P17535</a>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 35 kDa , observed , 38,42 kDa
Gene Name	KDa
Aliases	JUND 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
<b>Other Names</b>	
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**

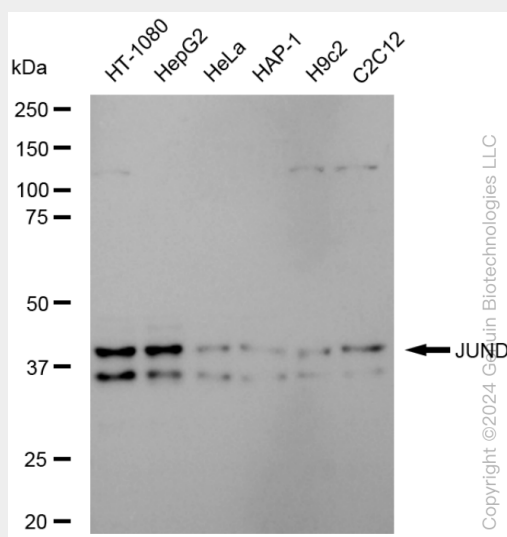
Nucleus.

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

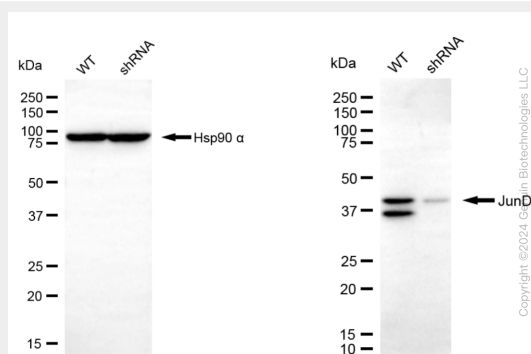
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

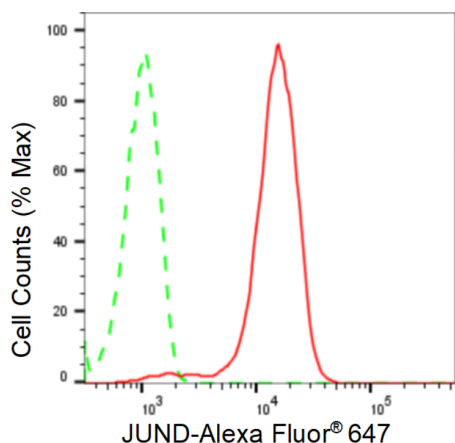
## KD-Validated Anti-JunD Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-JUN D antibody (Cat#62217). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-JUN D antibody (Cat#62217, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

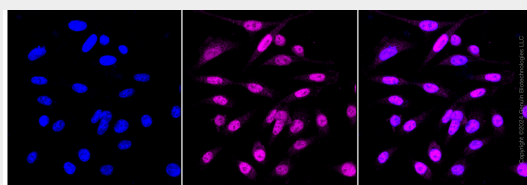


Western blotting analysis using anti-JunD antibody (Cat#62217). JunD expression in wild type (WT) and JunD shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-JunD antibody (Cat#62217, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Flow cytometric analysis of JUND expression in HepG2 cells using JUND antibody (Cat#62217, 1:2,000). Green, isotype control; red, JUND.



Immunocytochemical staining of HepG2 cells with anti-JUND antibody (Cat#62217, 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 µm.