

Anti-JunD Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

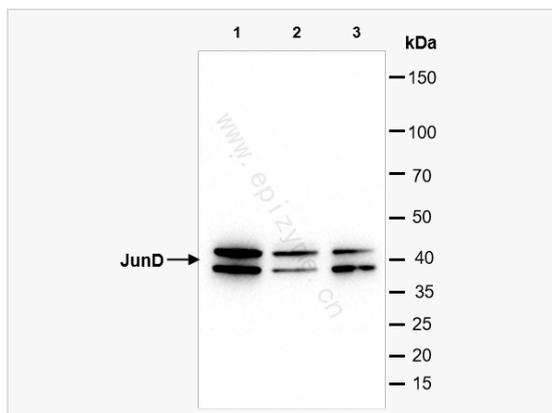
Catalog # R013867

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:6,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	31L90E46
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human JunD
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-JunD Rabbit mAb [31L90E46] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Activator protein 1, AP 1, AP1, Jun D, jun D proto oncogene, JunD, JunD FL isoform, JUND_HUMAN, Transcription factor jun D, Transcription factor jun-D.
Calculated MW	Calculated MW: 35 kDa; Observed MW: 38 kDa, 42 kDa
Uniprot ID	P17535
Gene ID	3727
Background	JunD, along with closely related family members c-Jun and JunB, is a transcription factor that can activate or repress a wide array of target genes. JunD transcriptional activity is modulated by phosphorylation in response to cellular stress via the c-Jun N-terminal Kinase (JNK)/Stress-Activated Protein Kinase (SAPK) family of protein kinases. JunD activity can also be modulated by the MAPK pathway in response to growth factors.
Cellular Location	Nucleus.



Western Blot - Anti-JunD Rabbit mAb [31L90E46]

All lanes: R013867 at 1:6,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

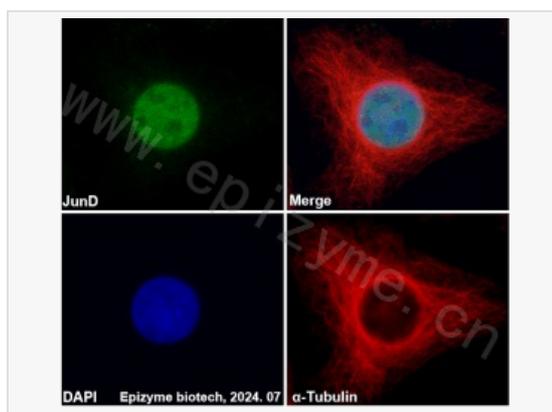
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 35 kDa

Observed band size: 38 kDa, 42 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-JunD Rabbit mAb [31L90E46]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R013867 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).