

Anti-Phospho-JunD (Ser255) Antibody (2L794)

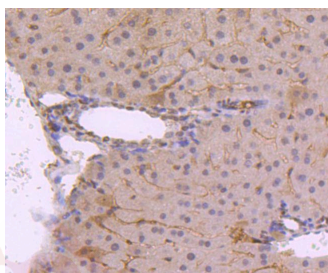
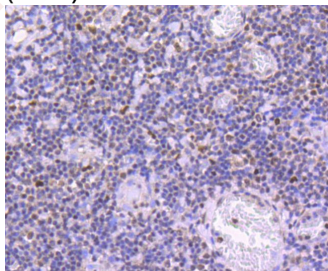
Product Details

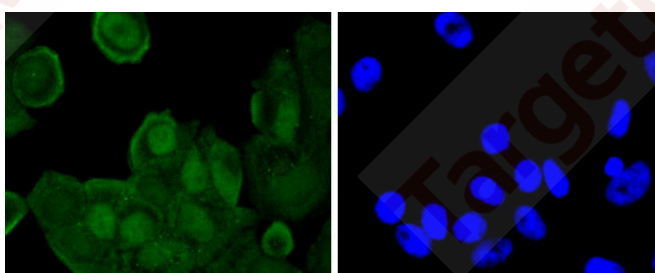
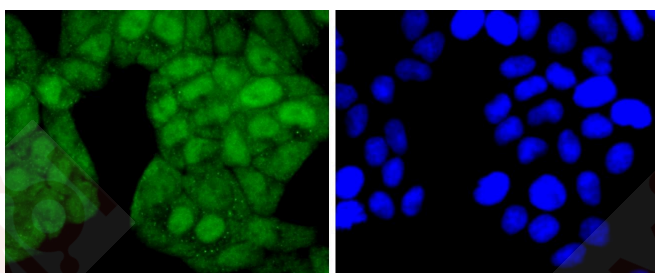
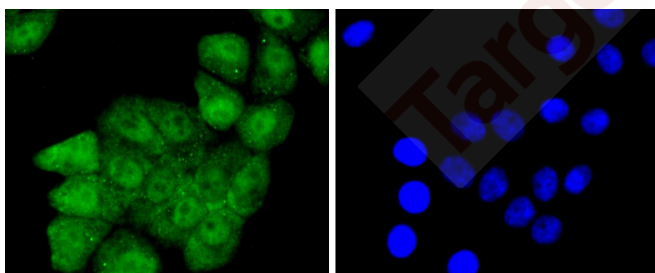
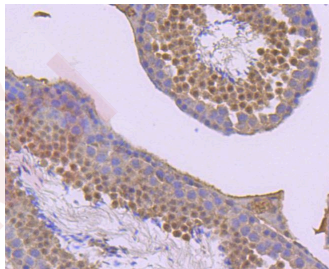
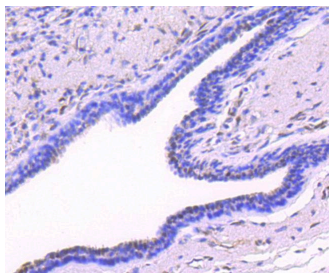
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 35 kDa.
Clone:	2L794
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Phospho-JunD (S255) antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Phospho-JunD (S255) antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-JunD (S255) antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Phospho-JunD (S255) antibody. Counter stained with hematoxylin.
5. ICC staining Phospho-JunD (S255) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. ICC staining Phospho-JunD (S255) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
7. ICC staining Phospho-JunD (S255) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





Application: ICC/IF,IHC,WB

Recommended WB: 1:1000; IHC: 1:50-200; ICC/IF: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized phosphopeptide: human JunD around the phosphorylation site of Ser255
Antigen Species: Human
Uniprot ID: P17535
Synonyms: p-JunD (Ser255);p-JunD (S255);JunD (p-Ser255);JunD (p-S255)

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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