Jun/JunD (Phospho Ser73/Ser100) (PT0912R) PT™ Rabbit mAb

CatalogNo: YM8681 Recombinant

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC,IF,IP,ELISA

MW
- 35kD,36kD (Calculated)
42kD,48kD (Observed)

Isotype
- IgG, Kappa

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1:1000
WB 1:2000-1:10000
IF 1:200-1:1000
ELISA 1:5000-1:20000
IP 1:50-1:200

Basic Information

Clonality	Monoclonal
Clone Number	PT0912R

Immunogen Information

Immunogen	The specific immunogen used to produce this antibody is proprietary information.

Specificity Phospho-Jun/JunD (Ser73/Ser100) Antibody detects endogenous levels of c JUN protein only when phosphorylated at S73/100.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):CSSVs

Target Information

Gene name JUN/JUND

Protein Name Transcription factor AP-1;jun;c-jun；AP-1; Transcription factor jun-D

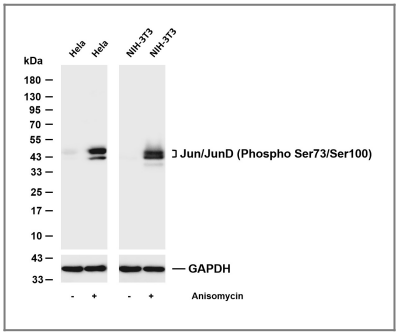
Organism	Gene ID	UniProt ID
Human	3725; 3727;	P05412; P17535;
Mouse	16476; 16478;	
Rat	24516; 24518;	P17325; P52909;

Cellular Localization Nucleus.

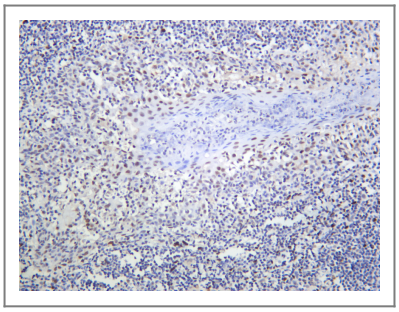
Tissue specificity Expressed in the developing and adult prostate and prostate cancer cells.

Function Function:Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. ,PTM:Phosphorylation enhances the transcriptional activity. Phosphorylated by PRKDC. ,similarity:Belongs to the bZIP family. ,similarity:Belongs to the bZIP family. Jun subfamily. ,similarity:Contains 1 bZIP domain. ,subunit:Heterodimer with either FOS or BATF3. Interacts with HIVEP3 (By similarity) . Interacts with SMAD3/SMAD4 heterodimers. Interacts with MYBBP1A , SPIB and TCF20. Interacts with COPS5; indirectly leading to its phosphorylation. Interacts with DSIPI; this interaction inhibits the binding of active AP1 to its target DNA. ,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Jun/JunD (Phospho Ser73/Ser100) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: Hela was treated with Anisomycin (250ng/ml) for 30 minutes Lane 3: NIH-3T3 Lane 4: NIH-3T3 was treated with Anisomycin (25ug/ml) for 30 minutes Predicted band size: 35,36kDa Observed band size: 42,48kDa



Human tonsil was stained with anti-Jun/JunD (Phospho Ser73/Ser100) Rabbit antibody

Contact information

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Please scan the QR code to access additional product information: **Jun/JunD (Phospho Ser73/Ser100) (PT0912R) PT™ Rabbit mAb**

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