

For Research Use Only

JUNB Recombinant antibody, PBS Only

Catalog Number: 84922-6-PBS



Basic Information

Catalog Number:

84922-6-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0752

GenBank Accession Number:

BC004250

GeneID (NCBI):

3726

UNIPROT ID:

P17275

Full Name:

jun B proto-oncogene

Calculated MW:

36 kDa

Observed MW:

42 kDa, 43 kDa

Purification Method:

Protein A purification

CloneNo.:

242562G2

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human

Background Information

JunB is one of the components of the Activator Protein-1 (AP-1) transcription complex that have been implicated in the control of the G0/G1 transition in fibroblasts. AP-1 is a collection of dimers formed by members of the Jun-, Fos-, ATF- and Maf multigene families that bind to specific DNA regulatory elements called AP-1/12-O-tetradecanoylphorbol-13-acetate-responsive elements (TREs) and cAMP-responsive elements (CREs). JunB binds to the DNA sequence 5'-TGA[CG]TCA-3', and involves in the regulation of gene activity following the primary growth factor response. It also acts either as a tumor suppressor or as an oncogene depending on the cell and physiopathological context

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

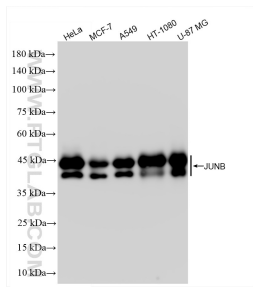
For technical support and original validation data for this product please contact:

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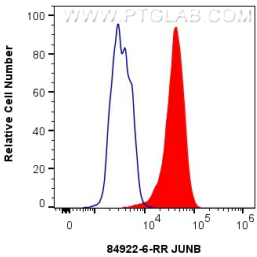
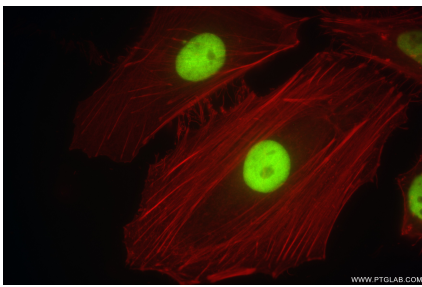
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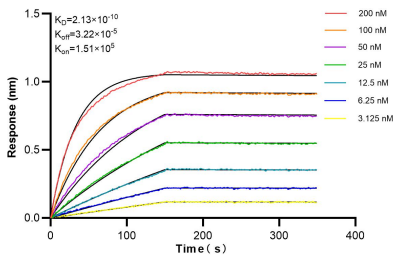
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84922-6-RR (JUNB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84922-6-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug JUNB Recombinant antibody (84922-6-RR, Clone:242562G2) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 84922-6-PBS in a different storage



Biolayer interferometry (BLI) kinetic assays of 84922-6-RR against Human JUNB were performed. The affinity constant is 0.213 nM.