

For Research Use Only

# CoraLite® Plus 488-conjugated JUNB Polyclonal antibody

Catalog Number:CL488-10486

Featured Product



## Basic Information

**Catalog Number:**

CL488-10486

**Size:**

100ul , Concentration: 1000 ug/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:**

Antigen affinity purification

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maxima wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC, FC (Intra)

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

IF/ICC : HeLa cells,

## 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 -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

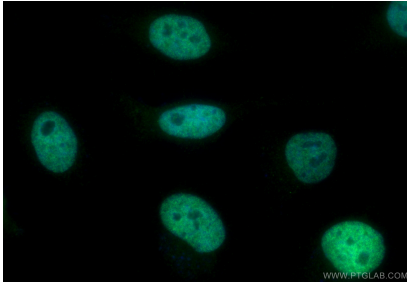
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

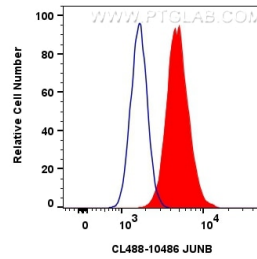
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 JUNB antibody (CL488-10486) at dilution of 1:100.



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 JUNB Polyclonal Antibody (CL488-10486)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).