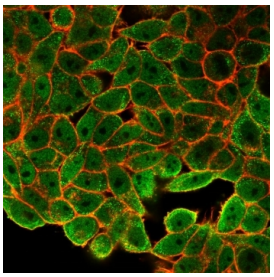
JUNB Antibody [clone PCRP-JUNB-3G11] (V9203)

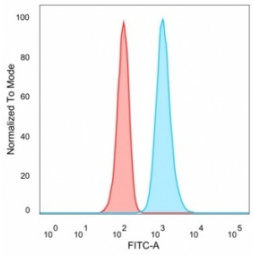
Catalog No.	Formulation	Size
V9203-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9203-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9203SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

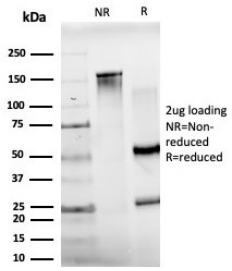
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2c
Clone Name	PCRP-JUNB-3G11
Purity	Protein A/G affinity
UniProt	P17275
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This JUNB antibody is available for research use only.



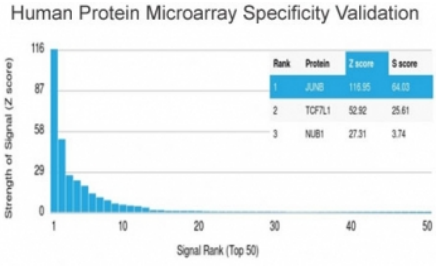
Immunofluorescent staining of human HeLa cells using JUNB antibody (green, clone PCRP-JUNB-3G11) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with JUNB antibody (blue, clone PCRP-JUNB-3G11), and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free JUNB antibody (PCRP-JUNB-3G11) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using JUNB antibody (clone PCRP-JUNB-3G11). These results demonstrate the foremost specificity of the PCRP-JUNB-3G11 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

The c-Jun proto-oncogene was first identified as the cellular homolog of the avian sarcoma virus v-Jun oncogene. The c-Jun protein, along with c-Fos, is a component of the AP-1 transcriptional complex. c-Jun can form either Jun/Jun homodimers or Jun/Fos heterodimers via the leucine repeats in both proteins. 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). Two additional genes, 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.

Application Notes

Optimal dilution of the JUNB antibody should be determined by the researcher.

Immunogen

Recombinant full-length human JUNB protein was used as the immunogen for the JUNB antibody.

Storage

Aliquot the JUNB antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.