

Mouse anti-Human JUNB Monoclonal Antibody | anti-JUNB antibody

JUNB Mouse Monoclonal Antibody [Clone PCRP-JUNB-3G2]

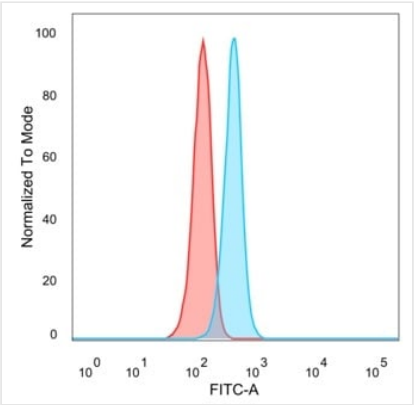
CATALOG # AAA215757	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

JUNB; Monoclonal Antibody; JUNB Mouse Monoclonal Antibody [Clone PCRP-JUNB-3G2]; Activator protein 1 (AP1); Transcription factor junB; junB proto oncogene 9; anti-JUNB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-JUNB-3G2
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-JUNB antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human JUNB protein
Cellular Localization	Nucleus
Positive Control	HeLa, K562 or MCF-7 cells.
Hu-chromosome Location	19p13.13
Unigene	25292
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed HeLa cells. JUNB Mouse Monoclonal Antibody (PCRP-JUNB-3G2) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-JUNB antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504809
NCBI GeneID	3726
NCBI Accession #	NP_002220.1
NCBI GenBank Nucleotide #	NM_002229.2
UniProt Accession #	P17275; Q96GH3
Molecular Weight	35,879 Da
NCBI Official Full Name	transcription factor jun-B
NCBI Official Synonym Full Names	jun B proto-oncogene
NCBI Official Symbol	JUNB
NCBI Official Synonym Symbols	AP-1
NCBI Protein Information	transcription factor jun-B; activator protein 1
UniProt Protein Name	Transcription factor jun-B
UniProt Gene Name	JUNB
UniProt Entry Name	JUNB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.