

Mouse POLR2J2 Monoclonal Antibody | anti-POLR2J2 antibody

POLR2J2 antibody

CATALOG # AAA106734	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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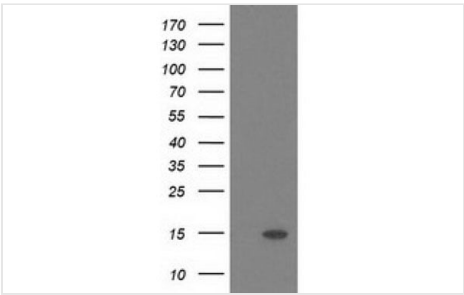
PRODUCT SYNONYMS

POLR2J2; Monoclonal Antibody; POLR2J2 antibody; Monoclonal POLR2J2; Anti-POLR2J2; RPB11b1; DNA-directed RNA polymerase II subunit J2; RNA polymerase II subunit B11-b1; HRPB11B; MGC105050; MGC54043; RPB11; POLR J 2; POLRJ-2; anti-POLR2J2 antibody

PRODUCT SPECIFICATIONS

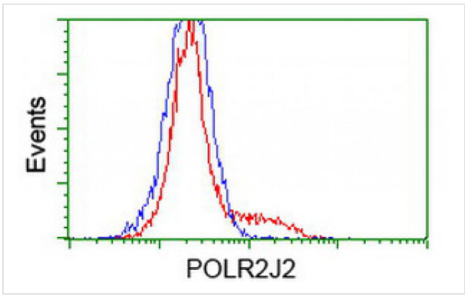
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	6 E9
Purity/Purification	POLR2J2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	115
Applicable Applications for anti-POLR2J2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	POLR2J2 is a member of the RNA polymerase II subunit 11 gene family, which includes three genes in a cluster on chromosome 7q22. 1 and a pseudogene on chromosome 7p13. The founding member of this family, DNA directed RNA polymerase II polypeptide J, has been shown to encode a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This locus produces multiple, alternatively spliced transcripts that potentially express isoforms with distinct C-termini compared to DNA directed RNA polymerase II polypeptide J. Most or all variants are spliced to include additional non-coding exons at the 3' end which makes them candidates for nonsense-mediated decay (NMD).
Cross-Reactivity	Human
Immunogen	POLR2J2 antibody was raised in mouse using a full length recombinant protein of human POLR2J2 (NP_116581) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant POLR2J2 protein (Right) or empty vector (Left) detected with POLR2J2 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant POLR2J2 protein (red) or empty vector (blue) stained using POLR2J2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2J2 antibody	Mouse monoclonal POLR2J2 antibody
Product Categories/Family for anti-POLR2J2 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739171
NCBI GeneID	246721
NCBI Accession #	NP_116581
NCBI GenBank Nucleotide #	NM_032959.5
UniProt Accession #	Q9GZM3; Q9H1A8; F6W009
Molecular Weight	12,733 Da
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB11-b1
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide J2
NCBI Official Symbol	POLR2J2
NCBI Official Synonym Symbols	HRPB11B; RPB11b1
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB11-b1
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB11-b1
UniProt Gene Name	POLR2J2
UniProt Synonym Gene Names	RNA polymerase II subunit B11-b1; RPB11b1
UniProt Entry Name	RPB1B_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.