

Mouse RNA Polymerase II Monoclonal Antibody | anti-POLR2E antibody

RNA Polymerase II Monoclonal Antibody

CATALOG # AAA47719	HOST Mouse
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PRODUCT SYNONYMS

RNA Polymerase II; Monoclonal Antibody; RNA Polymerase II Monoclonal Antibody; Anti-RNA Polymerase II; anti-POLR2E antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Anti-RNA Polymerase II [Murine MAb recognizes the highly conserved heptapeptide repeat of the largest subunit of eukaryotic RNA polymerase II.] This antibody reacts with the highly conserved heptapeptide repeat of the largest subunit of eukaryotic RNA polymerase II. It inhibits promoterdirected transcription, but it does not inhibit elongation in the nonspecific transcription assay.
Form/Format	200 ug Protein G purified antibody in PBS, pH 7.4.
Sequence Length	210
Antigen	Purified wheat germ RNA polymerase II.
Preservatives	None. Available on request
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	These antibodies are stable for at least one (1) year at -20 degree C to -70 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles

ADDITIONAL INFORMATION

Product Categories/Family for anti-POLR2E antibody	Protein Transcription Antibodies
References	Thompson NE et al. 1989. J Biol Chem 264: 11511-11520; Thompson NE et al. 1990. J Biol Chem 265: 7069-7077.

NCBI AND UNIPROT INFORMATION

NCBI GI #	232954
NCBI GeneID	5434
UniProt Accession #	P19388 ; O43380 ; Q6PIH5 ; Q9BT06 ; B2R6L4 ; D6W5Y1
Molecular Weight	24,551 Da
NCBI Official Full Name	RNA polymerase II
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa
NCBI Official Symbol	POLR2E

NCBI Official Synonym Symbols	RPB5; XAP4; RPABC1; hRPB25; hsRPB5
NCBI Protein Information	DNA-directed RNA polymerases I, II, and III subunit RPABC1; RPB5 homolog; DNA-directed RNA polymerase II subunit E; RNA polymerases I, II, and III subunit ABC1; DNA directed RNA polymerase II 23 kDa polypeptide; DNA-directed RNA polymerase II 23 kDa polypeptide
UniProt Protein Name	DNA-directed RNA polymerases I, II, and III subunit RPABC1
UniProt Gene Name	POLR2E
UniProt Entry Name	RPAB1_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/rna-polymerase-ii-antibody-elisa/47719>