Mouse POLR2E Monoclonal Antibody | anti-POLR2E antibody

POLR2E antibody

CATALOG #	HOST	APPLICATIONS
AAA108181	**Mouse**	**Western Blot, Immunofluorescence**

PRODUCT SYNONYMS

POLR2E; Monoclonal Antibody; POLR2E antibody; Monoclonal POLR2E; Anti-POLR2E; DNA-directed RNA polymerase II subunit E; RNA polymerases I II and III subunit ABC1; XAP4; RPABC1; RPB5; hRPB25; POLRE 2; POLRE-2; anti-POLR2E antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3C5
Purity/Purification	POLR2E 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	210
Applicable Applications for anti-POLR2E antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	This gene encodes the fifth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases and is present in two-fold molar excess over the other polymerase subunits. An interaction between this subunit and a hepatitis virustransactivating protein has been demonstrated, suggesting that interaction between transcriptional activators and thepolymerase can occur through this subunit. A pseudogene is located on chromosome 11.
Cross-Reactivity	Human
Immunogen	POLR2E antibody was raised in mouse using a full length recombinant protein of human POLR2E (NP_002686) 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 POLR2E protein (Right) or empty vector (Left) detected with POLR2E antibody

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant POLR2E protein using POLR2E antibody

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2E antibody	Mouse monoclonal POLR2E antibody
Product Categories/Family for anti-POLR2E antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	649102284
NCBI Official Full Name	POLR2E, partial

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/polr2e-antibody-clone-3c5-western-blot-immunofluorescence-elisa/108181