

Product Name: POLR2A Mouse Monoclonal Antibody
Catalog #: AMM82361



Summary

Production Name	POLR2A Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	POLR2A
Alternative Names	RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RplILS; hSRPB1; hRPB220
Gene ID	5430.0
SwissProt ID	P24928.Purified recombinant fragment of human POLR2A (AA: 128-258) expressed in E. Coli.

Application

Dilution Ratio	FC:1:200-1:400,ELISA:1:10000
Molecular Weight	217kDa

Background

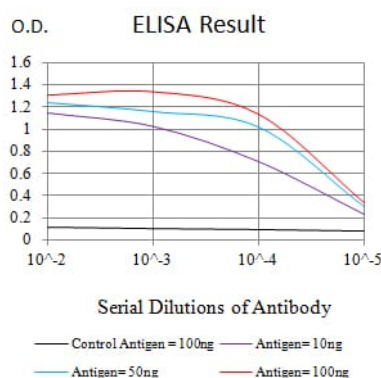
Product Name: POLR2A Mouse Monoclonal Antibody
Catalog #: AMM82361



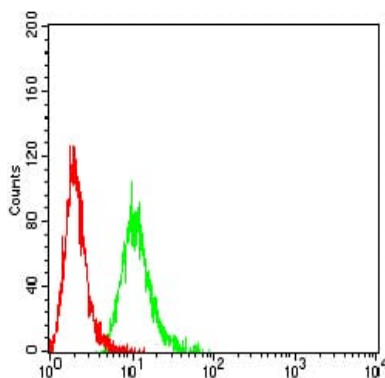
This gene encodes the largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a carboxy terminal domain composed of heptapeptide repeats that are essential for polymerase activity. These repeats contain serine and threonine residues that are phosphorylated in actively transcribing RNA polymerase. In addition, this subunit, in combination with several other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Hela cells using POLR2A mouse mAb (green) and negative control (red).

Note

For research use only.