

A11862

Leader in Biomolecular Solutions for Life Science



POLR2A Mouse mAb

Catalog No.: A11862

Basic Information

Observed MW

250kDa

Calculated MW

217kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IP,ChIP,ELISA

Cross-Reactivity

Human,Mouse,Rat,Monkey

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IP	1:20 - 1:50
ChIP	1:20 - 1:100

Immunogen Information

Gene ID

5430

Swiss Prot

P24928

Immunogen

A synthetic peptide of human POLR2A

Synonyms

RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; NEDHIB; RpIILS; hsRPB1; hRPB220; POLR2A

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

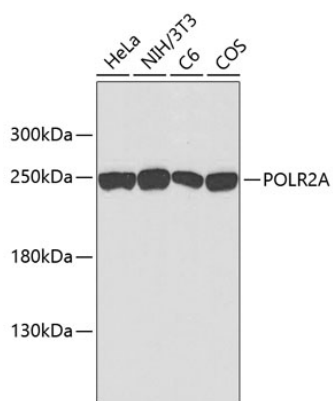
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using POLR2A Mouse mAb (A11862).
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.