

## POLR2A monoclonal antibody

Catalog: MB22836

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

217kDa

### Swiss-Prot:

P24928

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

FC:1/200 - 1/400

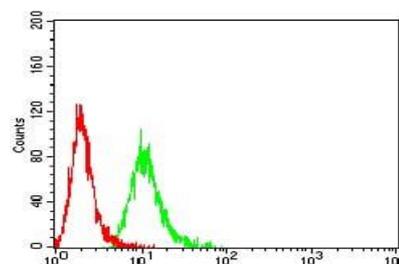
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

Mouse IgG2b

### DATA:



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

### Note:

For research use only, not for use in diagnostic procedure.

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