

Recombinant

DGRmAb®

## RNA polymerase II RPB1 (DGR11957) Rabbit mAb (PBS Only)

db15872-PBS

Package : 10µg 100µg

**Product Name** : RNA polymerase II RPB1 (DGR11957) Rabbit mAb (PBS Only)**Cat.No.:** db15872-PBS**Synonyms** : RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RpIIIS; hsRPB1; hRPB220**Application** : WB**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human RNA polymerase II RPB1

**Gene ID**

5430

**Swiss Prot**

P24928

**Synonyms**

RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RpIIIS; hsRPB1; hRPB220

**Reactivity**

Human

**Application**

WB

**Calculated MW**

217 kDa

**Observed MW**

250 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11957

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

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|--------------------------|---|
| <b>Concentration</b>     | 1 mg/mL   |
| <b>Formulation</b>       | PBS Only  |
| <b>Storage Stability</b> | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |