

## PSE1/KU monoclonal antibody, clone N9C1

Catalog # MAB4320

Size 200 ug

### Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native PSE1/KU.
<b>Immunogen</b>	Native purified PSE1/KU from human placenta extracted U1 small nuclear RNA.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Specificity</b>	This product recognizes the large alpha subunit (~80-90 KDa) of placental PSE1 and human Ku in solution and when bound to DNA.
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot
- Gel Supershift Assay

### Publication Reference

- [Purification and characterization of proximal sequence element-binding protein 1, a transcription activating protein related to Ku and TREF that binds the proximal sequence element of the human U1 promoter.](#)

Knuth MW, Gunderson SI, Thompson NE, Strasheim LA, Burgess RR.

The Journal of Biological Chemistry 1990 Oct; 265(29):17911.