

Monoclonal Antibody to PSE1 - Azide Free

Alternate names:	Ku Protein, PSE, Proximal Sequence Element 1
Catalog No.:	BM2295
Quantity:	0.2 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	N9C1
Immunogen:	Proximal sequence element (PSE1) of the human U1 small nuclear RNA extracted from human placenta.
Format:	State: Liquid purified Ig fraction. Purification: Protein G chromatography. Buffer System: PBS buffer, pH 7.4 without preservatives.
Applications:	Suitable for use in Western blot and Electrophoretic Mobility (gel shift) assays for identifying PSE1 or Ku. They may be used to immuno-deplete Ku protein from protein mixtures prior to specific DNA affinity chromatography. Dilute in PBS or medium which is identical to that used in the assay system. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product recognizes the large alpha subunit (~80-90 kDa) of placental PSE1 and human Ku in solution and when bound to DNA.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Knuth, MW., et al., 1990, J. Biol. Chem, 265: 17911-17920.