

## Product datasheet

anti-Ku-holo (p70/86) mouse monoclonal, EBS-C-003, purified

### Short overview

<b>Cat. No.</b>	691627
<b>Quantity</b>	1 ml (100 µg/ml)
<b>Concentration</b>	100 µg/ml

### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone</b>	EBS-C-003
<b>Immunogen</b>	HeLa cells
<b>Formulation</b>	PBS with 0.02% sodium azide
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, IHC
<b>Reactivity</b>	Human

### Applications

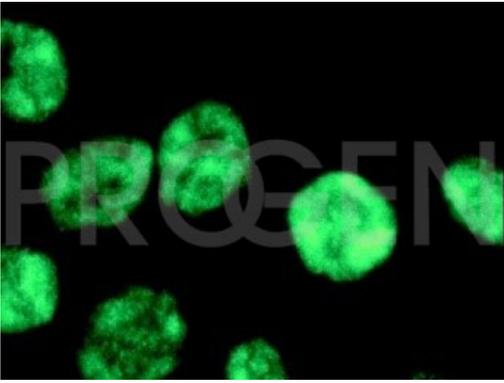
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)

### Background

EBS-C-003 recognizes Ku protein, involved in Pol II-directed transcription by virtue of its DNA binding activity, serving as the regulatory component of the DNA-associated protein kinase that phosphorylates Pol II and transcription factor Sp. Ku proteins also activate transcription from the U1 small nuclear RNA and the human transferrin receptor gene promoters. It serves as autoantigen in patients with rheumatic diseases.

Positive control: HeLa cells.

### Product images



FITC with human A431 cells