

Product datasheet

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

Short overview

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

Product description

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

Applications

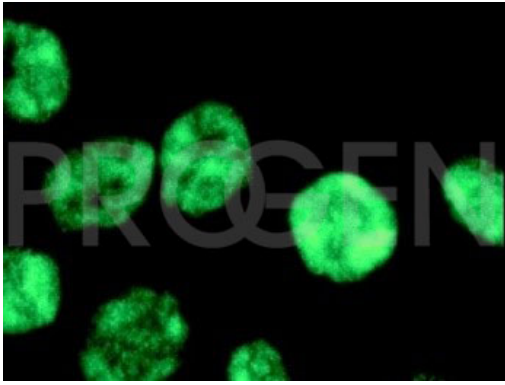
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

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