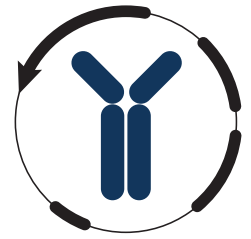


# Datasheet



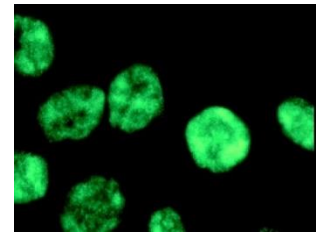
Mouse mAb to **XRCC5/6 (Ku-holo;  
p70/86)**  
Clone **EBS-C-003**  
Isotype **IgG1-κ**

## Source

A BALB/c mouse was immunized with HeLa cells.  
Fusion partner: SP2/0.

## Specifications

EBS-C-003 recognizes Ku protein or XRCC5/6 (X-ray repair cross complementing protein 5/6), 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.



**Figure 1:** Human A431 cells labeled with EBS-C-003 (FITC)

## Species reactivity

Positive: human.

## Applications

EBS-C-003 can be applied to Immunohistology and, IFA.

Frozen sections	Immunofluorescence
+	+

## Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02 % sodium azide.

Stored at 4°C- 8°C, shelf life is at least 24 months after purchase.

## Dilution advice

- Immunofluorescence (0.5-1,0 µg/ml).
- Immunohistology (1-2 µg/ml for 30-60 minutes at RT).

## Positive control

HeLa cells.

## References

- This antibody has not been published.