

Datasheet



Mouse mAb to **Ku-86**
Clone **J15**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with A431 cells (human epidermoid carcinoma).
Fusion partner: X63-Ag8.653.

Specifications

J15 recognizes an epitope within aa 490 to 707 of the 86 kDa subunit of 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.

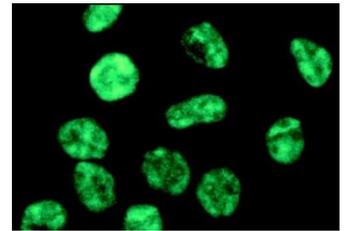


Figure 1: Human A431 cells labeled with J15 (FITC)

Species reactivity

Positive: human, monkey.

Applications

J15 can be applied to immunohistology, IFA and Western blot.

Frozen sections	Immunofluorescence	Paraffin sections	Western blot
+	+	+	+

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

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

Positive control

A431, HeLa cells.

References

- This antibody has not been published.