

Datasheet



Mouse mAb to **EBV-LMP1**
Clone **EBS-I-025**
Isotype **IgG1**

Source

A BALB/c mouse was immunized with LMP1 β -galactosidase fusion protein (AA 198-486).
Fusion partner: Sp2/0.

Specifications

EBS-I-025 reacts with a conserved repeat domain on LMP1 (AA 268-286), present in all EBV isolates. LMP1 is expressed in most viral latency stages in vitro and in vivo.

Species reactivity

Positive: EBV.
Negative: other herpes viruses.

Applications

Immunohistochemistry and IFA on cultured cells; strongly positive on EBV+ tumor tissue by immunohistochemistry on FFPE sections. Strongly positive on immunoblot. Suitable for LMP1 capture ELISA and immunoprecipitation.

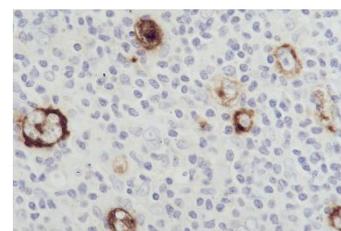


Figure 1: Human Hodgkin 's lymphoma stained with EBS-I-025 (paraffin)

ELISA	Immunofluorescence	Immunoprecipitation	Paraffin sections	Western blotting
+	+	+	+	+

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

- ELISA (solid phase: 0,1-100 μ g/ml; tracer: 0,001-100 μ g/ml for 30 min at RT)
- Immunofluorescence (0.5-1 μ g/ml).
- Immunoblotting (1.0-2.0 μ g/ml).
- Immunoprecipitation (1-2 μ g per 100-500 μ g cell lysate protein/1 ml of anti-mouse coated Sepharose-4B suspension).
- Immunohistology (1-2 μ g/ml for 30 min at RT).

Positive control

EBV transformed cells.

References

- Meij, P. et al. J Infect Dis. 179: 1108-15 (1999).