

Datasheet



Mouse mAb to **Influenza A (NP)**
Clone **EBS-I-238**
Isotype **IgG2a-κ**

Source

A BALB/c mouse was immunized with influenza A virus.
Fusion partner: P3X63Ag8.653.

Specifications

EBS-I-238 reacts specifically with nucleoprotein (NP) of all strains of influenza virus type A and none of influenza virus type B.

Species reactivity

Positive: Human and animals subject to infection with influenza A.

Applications

EBS-I-238 is excellent for Immunohistology, immunofluorescence and ELISA (quantification of influenza A virus).

ELISA	Frozen sections	Immunofluorescence	Paraffin sections
+	+	+	Citrate

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

- Ø ELISA (solid phase: 0,1-100 µg/ml; tracer: 0,001-100ug/ml for 30 min at RT).
- Ø Immunofluorescence (0.5-1,0 µg/ml).
- Ø Immunohistology (1-2 µg/ml for 30 min at RT; staining of formalin-fixed tissues is best after pronase treatment of sections for 10-15 min in 0.1 % pronase in Tris buffer (1M, pH 7.2) at 37°.

Positive control

Influenza A infected cells or tissues.

References

- Ø Tung, CP et al, *Sci Rep.* **5**: 15053 (2015).
- Ø Nicholls, JM, et al, *J. of Vir. Meth.* **179**: 409 (2012).
- Ø Si, Y, et al, *PloS one* **9**: e107235 (2014).
- Ø Jennifer R, et al, *PloS one* **7**: e46605 (2012).



Figure 1: EM of influenza virus A