# **Datasheet**

Mouse mAb to Influenza A (NP)

Clone EBS-I-238 Isotype IgG2a-K



#### 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.

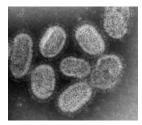


Figure 1: EM of influenza virus A

## 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**

- $\oslash~$  ELISA (solid phase: 0,1-100  $\mu g/ml;$  tracer: 0,001-100ug/ml for 30 min at RT).
- $\oslash$  Immunofluorescence (0.5-1,0 µg/ml).
- Ω 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 Nicholls, J.M, et al, *J. of Vir. Meth.* **179**: 409 (2012).
- Ø Si, Y, et al, *PloS one* **9**: e107235 (2014).
- **⊘** Jennifer R, et al, *PloS one* 7: e46605 (2012).