# **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.

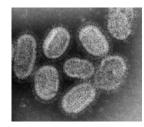
Fusion partner: P3X63Ag8.653.

### **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.



**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**

- > ELISA (solid phase: 0,1-100 μg/ml; tracer: 0,001-100ug/ml for 30 min at RT).
- > Immunofluorescence (0.5-1,0 μg/ml).
- Arr Immunohistology (1-2 μg/ml for 30 min at RT; staining of formalin-fixed tissues is best after boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes).

#### Positive control

Influenza A infected cells or tissues.

### References

- Tung, CP et al, Sci Rep. 5: 15053 (2015).
- Sanpui, P, et al, *Part Fibre Toxicol.* **11**: 66 (2014).
- Si, Y, et al, *PloS one* **9**: e107235 (2014).
- ➤ Jennifer R, et al, *PloS one* **7**: e46605 (2012).