

## Antibody Datasheet

**Name:** Mouse anti-TBEV NS1 (clone IH4) antibody (IgG)

**Product Code:** MAB12534-100/500

**Batch #:**24062717

**Date of Manufacture:** 28-JUN-2024

**Product Description:** Mouse anti-Tick-Borne Encephalitis Virus antibody (clone IH4), purified by Protein G chromatography to a purity of >85%.

**Clone Number:** IH4.A12.C9.H3.E5.A10.A7.2.H5

**Isotype:** IgG1 Kappa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 0.8 mg/ml

**Presentation:** Liquid

**Buffer:** PBS, pH 7.4, sterile filtered

**Immunogen:** TBEV NS1 (The Native Antigen Company TBEV-NS1)

**Cross-Reactivity:** Reactivity observed towards Powassan NS1, JEV NS1, West Nile NS1, Usutu NS1 and DENV NS1-4.

**Applications:** ELISA

**Application Notes:** Recommended for use in ELISA (>100ng/mL). Final working dilutions must be determined by end user.

### Usage Guidelines

**Short Term Storage:** +4°C

**Long Term Storage:** -20°C

**Storage Guidelines:** Avoid multiple freeze-thaw cycles



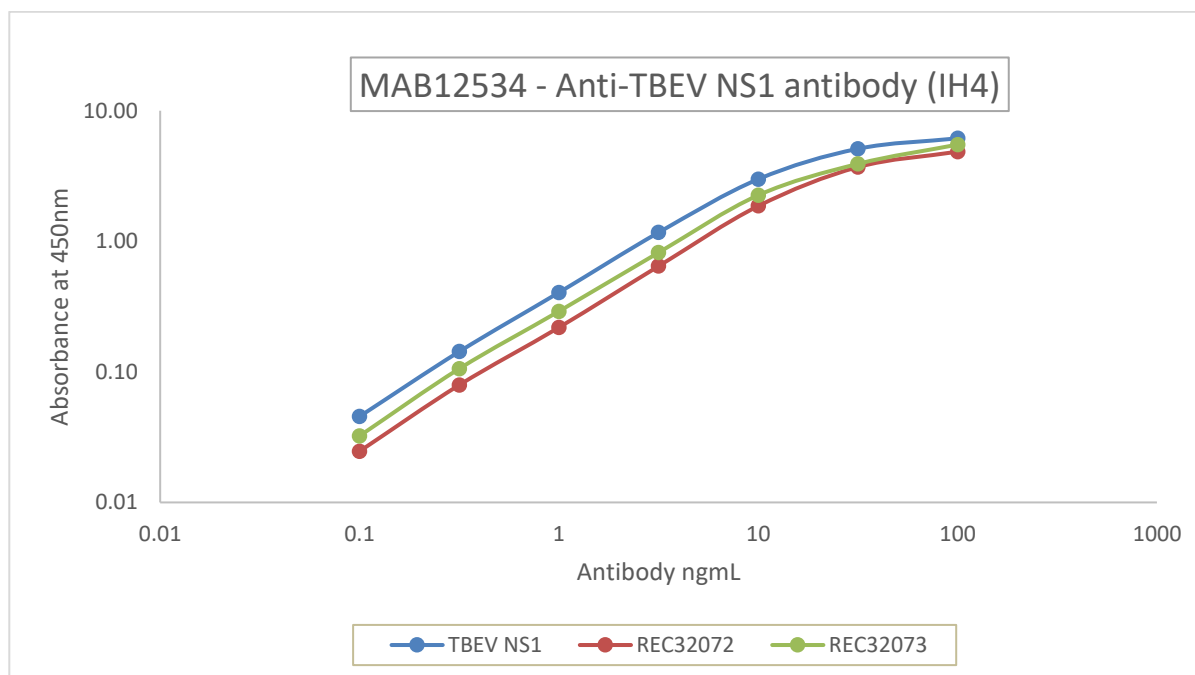
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**ELISA:** Antigen down ELISA: Plate coated with 1ug/ml of TBEV NS1 (The Native Antigen Company TBEV-NS1, REC32072, REC32073) in DPBS over night at 2-8°C, blocked with 1% BSA in DPBS, probed with various antibody concentration. Bound antibody was detected using an anti-mouse IgG-HRP conjugate.



08/07/2024

15/07/2024

X *Tracy Pullen*

X *Linda Hennebry*

QC

Signed by: Tracy.Pullen@lgcgroup.com

QA

Signed by: Linda.Hennebry@lgcgroup.com

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**



www.thenativeantigencompany.com  
VAT No: 102038475

NAC.Contact@LGCGroup.com  
Registration No. 7386339

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The Native Antigen Company is now part of LGC Group.