



Animal and Plant
Health Inspection
Service

Veterinary Services

Center for Veterinary
Biologics

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Erysipelothrix rhusiopathiae Anti-65 kD Protein Monoclonal Antibody (ERHU MAb) - Lot ID IRP 569-08

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Section/Area: CVB-DAT

Effective Date: 17 Aug 2022

Notes: *Strain or Source: Hybridoma ERHU1-B60-91, Fill date: February 8,
2008*

**United States Department of Agriculture
Animal and Plant Health Inspection Service
Center for Veterinary Biologics
P. O. Box 844
Ames, IA 50010**

- 1. Reagent Name:** *Erysipelothrix rhusiopathiae* Anti-65 kD Protein Monoclonal Antibody (ERHU MAb)
- 2. Strain or Source:** Hybridoma ERHU1-B60-91
- 3. Lot Number:** IRP 569-08
- 4. Fill Date:** February 8, 2008
- 5. Expiration Date:** April 30, 2027

Precautions: There are no known hazards associated with the use of this reagent.

- 6. Intended Use:** For use in potency testing of *Erysipelothrix rhusiopathiae* biological according to **Supplemental Assay Method (SAM) 613**.
- 7. Instructions for Use:** IRP 569-08 is diluted 1:200 in carbonate coating buffer (0.05 M, pH 9.6) for use in **SAM 613**. The optimal use-dilution may be determined by titration.
- 8. Test of Reagent:** ERHU MAb is specific for the 65-kD protein of *E. rhusiopathiae*, as shown by Western blot.
- 9. Container Size, Type, Weight, or Volume:** 300 µL aliquots in plastic microcentrifuge tubes.
- 10. Storage Conditions:** -70°C or lower is recommended for long-term storage. The antibody may be held at 2°- 7°C for up to 1 month.
- 11. CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-6100 or FAX (515) 337-7673.
- 12. Origin and Passage History:** Not applicable.
- 13. Method of Preparation:** Ascites fluid was collected from BALB/c mice injected with hybridoma ERHU1-B60-91. Ascites fluid was pooled, sterilized, aliquoted, and frozen.

14. Other:

Restrictions: For use in the ELISA described in SAM 613 for serial-release potency testing of erysipelas bacterins. Use of the ascites fluid for testing products during production, development of products, development of alternative test procedures, purification of protein(s), evaluation *Erysipelothrix rhusiopathiae* strains, or any other use is prohibited unless written permission is granted.

Reagent orders and feedback should be sent *including phone number* to the following email address: VS.DB.CVB.Reagent.Requests@usda.gov

Reagent orders forms (APHIS Form 2018) can be found on the CVB website.