

## Certificate of Analysis

This document certifies that this product has met all of the quality control standards defined by Cell Signaling Technology, Inc.

**Research Use Only Reagent (RUO): For research use only. Not for use in diagnostic procedures.**

Product Number: **48447**

Product Name: **Phospho-Pyruvate Dehydrogenase  $\alpha$ 1 (Ser293) (E4V9L) Rabbit mAb (BSA and Azide Free)**

Product Type: Monoclonal Antibody

Species of Origin: Rabbit

Lot Number: 1

Concentration: 1 mg/ml

Approved Applications:

- Flow Cytometry (Fixed/Permeabilized)
- Immunofluorescence (Immunocytochemistry)
- Western Blotting

Approval:

Production: Heather Babineau

Date: 02-November-2023