

## 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: **4511**

Product Name: **Phospho-p38 MAPK (Thr180/Tyr182) (D3F9) XP® Rabbit mAb**

Product Type: Monoclonal Antibody

Species of Origin: Rabbit

Lot Number: 13

Concentration: 33 µg/ml

Approved Applications:

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

Approval:

Production: Valerie Goss

Date: 27-October-2016