

Anti-ERK1 antibody [E19] ab78918

2 图像

概述

产品名称	Anti-ERK1抗体[E19]
描述	小鼠单克隆抗体[E19] to ERK1
宿主	Mouse
特异性	Recognizes only the ERK1 protein (e.g.: from human and mouse cells)
经测试应用	适用于: WB, IP
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human ERK1 aa 1-379. Database link: P27361
阳性对照	HEK293 and Jurkat cell lysates.
常规说明	For longer term storage add 0.1% Na Azide. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Constituent: 0.0268% PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	E19
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab78918 于以下的经测试应用

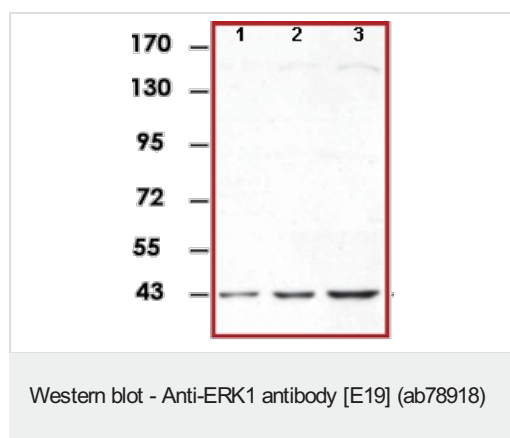
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 43 kDa (predicted molecular weight: 43 kDa).
IP		Use a concentration of 0.5 - 2 µg/ml.

靶标

功能	Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4).
序列相似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain.
结构域	The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.
翻译后修饰	Dually phosphorylated on Thr-202 and Tyr-204, which activates the enzyme. Dephosphorylated by PTPRJ at Tyr-204.

图片



All lanes : Anti-ERK1 antibody [E19] (ab78918) at 1/10000 dilution

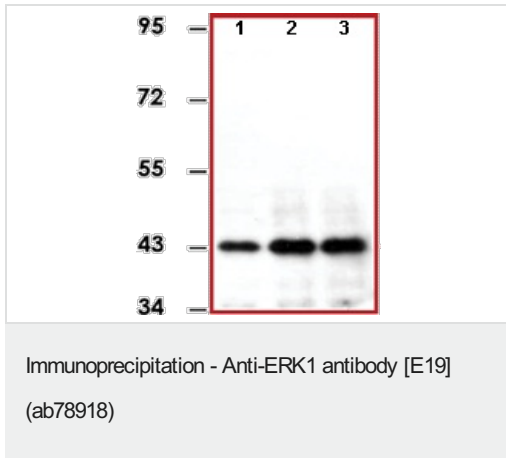
Lane 1 : HEK293 cell lysate at 1 µg/ml

Lane 2 : HEK293 cell lysate at 5 µg/ml

Lane 3 : HEK293 cell lysate at 10 µg/ml

Predicted band size: 43 kDa

Observed band size: 43 kDa



Detection of ERK1 by Western Blot of Immunoprecipitate. ab78918 at 0.5 μ g, 1 μ g, and 2 μ g (lanes 1-3 respectively) immunoprecipitating ERK1 from 50 μ g Jurkat cell lysate.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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