

Product datasheet

Anti-ERK1 antibody [Y71] ab32066

 RabMAb

3 References 1 图像

概述

产品名称	Anti-ERK1抗体[Y71]
描述	兔单克隆抗体[Y71] to ERK1
宿主	Rabbit
特异性	ab32066 can detect Erk1 and is predicted to react with Erk1c based on sequence homology.
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	A synthetic peptide corresponding to residues in C-terminus of human Erk1
阳性对照	Jurkat cell lysate
常规说明	This product is a recombinant rabbit monoclonal antibody. A trial size is available to purchase for this antibody. Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
纯度	IgG fraction
克隆	单克隆
克隆编号	Y71
同种型	IgG

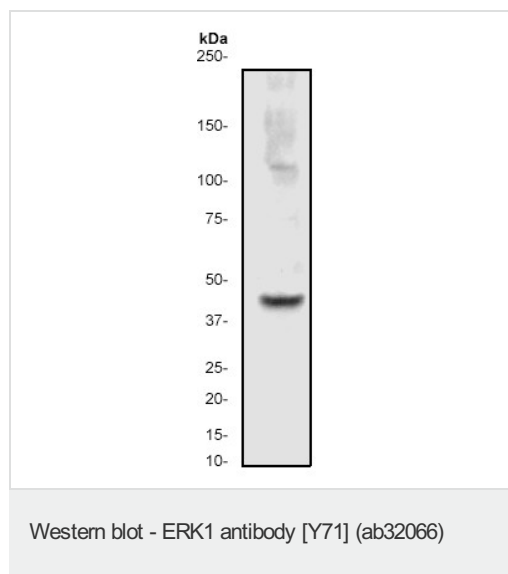
应用

Our [Abpromise guarantee](#) covers the use of **ab32066** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000. Predicted molecular weight: 43 kDa.
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



Anti-ERK1 antibody [Y71] (ab32066) at
1/1000 dilution + Jurkat cell lysate

Predicted band size: 43 kDa

Observed band size: 43 kDa

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