

Anti-MST4 + MST3 + STK25 (phospho T174 + T178 + T190) antibody [EP2123Y] ab76579

重组 RabMAb

7 References [2 图像](#)

概述

产品名称	Anti-MST4 + MST3 + STK25 (phospho T174 + T178 + T190)抗体[EP2123Y]
描述	兔单克隆抗体[EP2123Y] to MST4 + MST3 + STK25 (phospho T174 + T178 + T190)
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa cell lysates treated with calyculin A.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified

克隆 单克隆
克隆编号 EP2123Y
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76579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		

应用说明

ICC: 1/100 - 1/250.

WB: 1/1000 - 1/2000. Detects a band of approximately 52 kDa (predicted molecular weight: MST3, 49 kDa; MST4, 47 kDa & STK25, 48 kDa).

Is unsuitable for Flow Cyt, IHC-P or IP.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

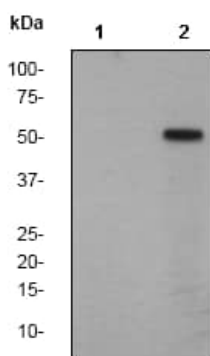
相关性

Novel human Ste20-related kinase Mst4 is biologically active in the activation of MEK/ERK pathway and in mediating cell growth and transformation. It is pro apoptotic and is highly expressed in placenta, thymus, and peripheral blood leukocytes. Interaction with Golgi matrix protein GOLGA2 results in autophosphorylation on Thr-178, possibly as a consequence of stabilization of dimer formation. This may also be activated by C terminal cleavage. MST3 or Mammalian Sterile 20-like kinase 3 is a member of the germinal center kinase-III family. MST3 contains a conserved kinase domain at its NH(2)-terminus and a regulatory domain at its COOH-terminus. Caspase-mediated cleavage of the regulatory domain of MST3 activates its intrinsic kinase activity and leads to nuclear translocation. Expression of COOH-terminal truncated MST3 in cells results in DNA fragmentation and induction of apoptosis. It can inhibit cell migration in a fashion dependent on autophosphorylation and can regulate paxillin phosphorylation through tyrosine phosphatase PTP-PEST. Mitogen activated protein kinase cascades have been conserved throughout evolution. In mammals, these cascades allow responses to complex stimuli such as growth factors and inflammatory cytokines. In yeast, STK25 functions upstream of the MAPK cascade.

细胞定位

STK25 and MST4: Cytoplasmic, Golgi Apparatus MST3: Cytoplasmic

图片



Western blot - Anti-MST4 + MST3 + STK25 (phospho T174 + T178 + T190) antibody [EP2123Y] (ab76579)

All lanes : Anti-MST4 + MST3 + STK25 (phospho T174 + T178 + T190) antibody [EP2123Y] (ab76579) at 1/2000 dilution

Lane 1 : HeLa cell lysates, untreated

Lane 2 : HeLa cell lysates, treated with calyculin A

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 47-49 kDa

Observed band size: 52 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-MST4 + MST3 + STK25 (phospho T174 + T178 + T190) antibody [EP2123Y] (ab76579)

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

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