abcam

Product datasheet

Anti-Cdc25B antibody [EPR3459(2)] ab124819

重组 RabMAb

5 References 3 图像

概述

产品名称	Anti-Cdc25B抗体[EPR3459(2)]
描述	兔单克隆抗体[EPR3459(2)] to Cdc25B
宿主	Rabbit
经测试应用	**适用于:** WB, IP **不适用于:** Flow Cyt
种属反应性	**与反应:** Mouse, Human
免疫原	Synthetic peptide within Human Cdc25B aa 150-250. The exact sequence is proprietary.
阳性对照	K562 cell lysate, U937 cell lysate and THP-1 cell lysate, mouse embryo E17 and NIH3T3 cell lysates
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 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	EPR3459(2)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用**ab124819**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。

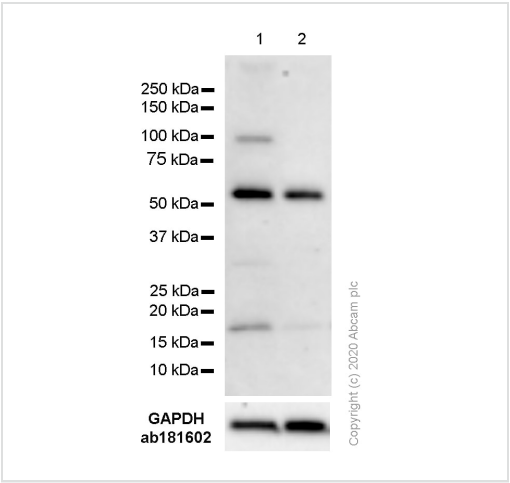
应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 64 kDa (predicted molecular weight: 64 kDa).
IP		1/10 - 1/100.

应用说明 Is unsuitable for Flow Cyt.

靶标

功能	Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Required for G2/M phases of the cell cycle progression and abscission during cytokinesis in a ECT2-dependent manner. Directly dephosphorylates CDK1 and stimulates its kinase activity. The three isoforms seem to have a different level of activity.
序列相似性	Belongs to the MPI phosphatase family. Contains 1 rhodanese domain.
翻译后修饰	Phosphorylated by BRSK1 in vitro. Phosphorylated by CHEK1, which inhibits the activity of this protein. Phosphorylation at Ser-353 by AURKA might locally participate in the control of the onset of mitosis. Phosphorylation by MELK at Ser-169 promotes localization to the centrosome and the spindle poles during mitosis. Phosphorylation at Ser-323 and Ser-375 by MAPK14 is required for binding to 14-3-3 proteins.
细胞定位	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole.

图片



Western blot - Anti-Cdc25B antibody [EPR3459(2)] (ab124819)

All lanes : Anti-Cdc25B antibody [EPR3459(2)] (ab124819) at 0.486 µg/ml

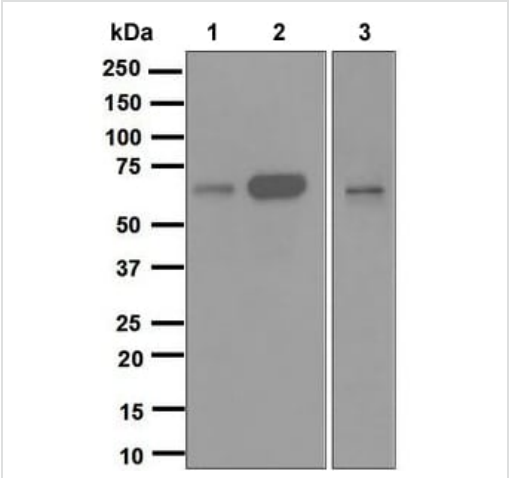
Lane 1 : NIH/3T3 (Mouse embryonic fibroblast) cell lysates
Lane 2 : Mouse embryo E17 lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 0.05 µg/ml

Predicted band size: 64 kDa
Observed band size: 64 kDa

Blocking/diluting Buffer and concentration: 5% NFDM /TBST



Western blot - Anti-Cdc25B antibody [EPR3459(2)] (ab124819)

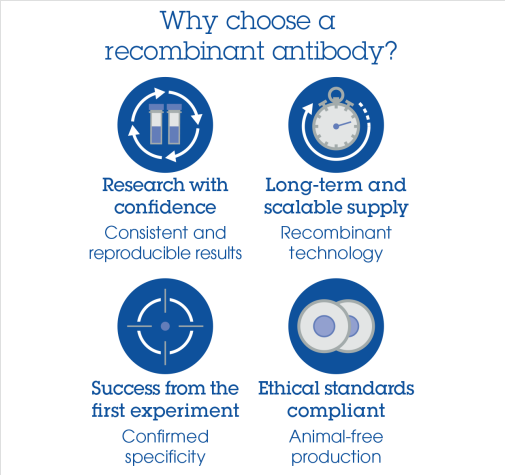
All lanes : Anti-Cdc25B antibody [EPR3459(2)] (ab124819) at 1/1000 dilution

Lane 1 : K562 cell lysate
Lane 2 : U937 cell lysate
Lane 3 : THP-1 cell lysate

Lysates/proteins at 10 µg per lane.

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

Predicted band size: 64 kDa
Observed band size: 64 kDa



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