abcam

Product datasheet

Anti-HEC1/HEC (phospho S165) antibody ab233459

1 图像

概述

产品名称	Anti-HEC1/HEC (phospho S165)**抗体**
描述	**兔多克隆抗体**to HEC1/HEC (phospho S165)
宿主	Rabbit
经测试应用	**适用于:** ICC/IF
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide corresponding to Human HEC1/HEC (phospho S165) conjugated to keyhole limpet haemocyanin. Database link: **O14777**
阳性对照	ICC/IF: MCF10A cells.
常规说明	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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Constituent: 100% PBS
纯度	Immunogen affinity purified
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab233459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
ICC/IF		1/150.

靶标

功能 Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore.

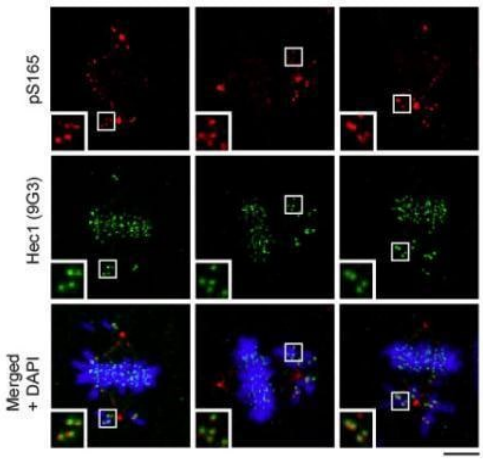
序列相似性 Belongs to the NDC80/HEC1 family.

发展阶段 Expression peaks in mitosis.

翻译后修饰 Phosphorylation begins in S phase of the cell cycle and peaks in mitosis. Phosphorylated by NEK2. May also be phosphorylated by AURKA and AURKB.

细胞定位 Nucleus. Chromosome > centromere > kinetochore. Localizes to kinetochores from late prophase to anaphase. Localizes specifically to the outer plate of the kinetochore.

图片



Immunocytochemistry/ Immunofluorescence - Anti-HEC1/HEC (phospho S165) antibody (ab233459)

MCF10A cells stained for HEC1/HEC (phospho S165) (red) using ab233459 at 1/150 dilution and Mouse anti-HEC1/HEC (9G3) (green) in ICC/IF. Insets show kinetochores of misaligned chromosomes. DAPI staining (blue) shows chromatin.

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