

Anti-Survivin DEx3 antibody ab3731

7 References **1 图像**

概述

产品名称	Anti-Survivin DEx3抗体
描述	兔多克隆抗体to Survivin DEx3
宿主	Rabbit
特异性	This antibody has been tested in Western blotting against equal loadings of purified wild type survivin, 2B and DEx3. When used at 1/250, it detects a single clean (but weak) band of the appropriate size for DEx3, but no band is detected with wild type survivin or 2B. We have not succeeded in detecting endogenous Survivin DEx3 using this antibody (Survivin DEx3 is expressed at very low levels). This antibody has been used successfully however, to detect overexpressed Survivin DEx3 in whole cell extracts.
经测试应用	适用于: ICC/IF
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	This antibody gave a positive result in HeLa cell line in ICC/IF
常规说明	<p>This antibody should be aliquoted to reduce freeze-thaw cycles as it loses performance quickly after multiple freeze-thaws.</p> <p>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.</p> <p>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</p>

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

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ab3731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。

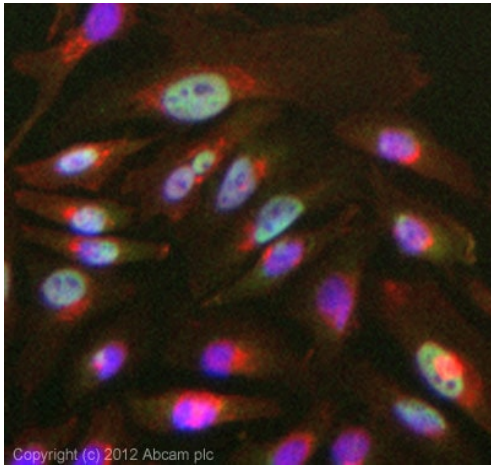
应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.

靶标

相关性	Survivin is expressed in G2/M phase in a cycle regulated manner. At the beginning of mitosis, survivin associates with mitotic spindle microtubules, this is essential for survivin's anti-apoptosis function. Survivin may counteract a default induction of apoptosis in G2 / M phase. Survivin over-expression in cancer may overcome this apoptotic checkpoint. Survivin DEx3 (lacking exon 3) and survivin-2B (retaining a part of intron 2 as a cryptic exon) are isoforms of survivin that behave differently to survivin. Skipping of exon 3 in survivin-Ex3 results in a modification of the BIR domain, followed by an additional frame shift in exon 4. In consequence, the open reading frame of Survivin DEx3 ends in the 3' untranslated region of survivin at position 581 and generates a novel 63 amino acids-long COOH-terminal tail in survivin-Ex3 coded by 87 nucleotides of exon 4 and 103 nucleotides of the original 3' untranslated region. See Mahotka et al. 1999 for more details.
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细胞定位	Cytoplasmic and Nuclear
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图片



Immunocytochemistry/ Immunofluorescence - Anti-Survivin DEx3 antibody (ab3731)

ICC/IF image of ab3731 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab3731, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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