

### Anti-Noxa antibody [114C307] ab13654

★★★★★ [6 Abreviews](#) [86 References](#) [3 图像](#)

#### 概述

产品名称	Anti-Noxa抗体[114C307]
描述	小鼠单克隆抗体[114C307] to Noxa
宿主	Mouse
经测试应用	适用于: IHC-P, WB, Flow Cyt (Intra)
种属反应性	与反应: Mouse, Human
免疫原	Fusion protein containing human Noxa.
阳性对照	WB: RL-7 cell lysate. Flow Cyt (Intra): Jurkat cells. IHC-P: Chronic Lymphocytic Leukemia (CLL) xenograft tissue.
常规说明	<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&amp;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>
纯度	Protein G purified
克隆	单克隆
克隆编号	114C307
同种型	IgG1

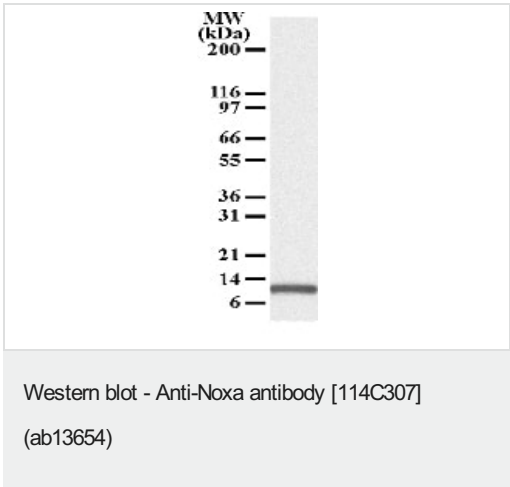
#### 应用

<b>The Abpromise guarantee</b> <b>Abpromise™</b> 承诺保证使用ab13654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
IHC-P		Use a concentration of 5 µg/ml. Bouin-fixed.
WB	★★★★★ (4)	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 11 kDa.
Flow Cyt (Intra)		Use 1µg for 10 <sup>6</sup> cells. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

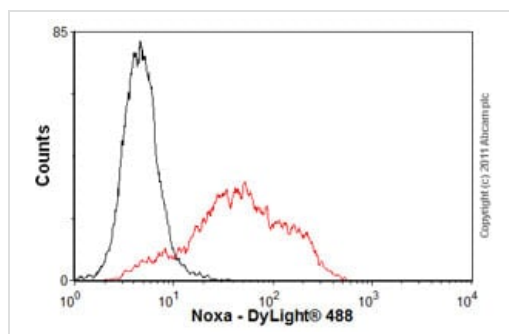
功能	Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1 (By similarity). Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1.
组织特异性	Highly expressed in adult T-cell leukemia cell line.
序列相似性	Belongs to the PMAIP1 family.
结构域	The BH3 motif is essential for pro-apoptotic activity.
细胞定位	Mitochondrion.

图片



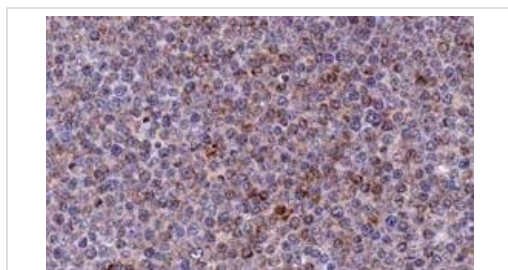
Western blot detection of Noxa in RL-7 cell (a follicular lymphoma) lysate. A protein of approximate molecular weight of 11 kDa is detected using ab13654 at 2 µg/ml.

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Flow Cytometry (Intracellular) - Anti-Noxa antibody  
[114C307] (ab13654)

Overlay histogram showing Jurkat cells stained with ab13654 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab13654, 1 µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1]([ab91353](#), 2 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in Jurkat cells fixed with 80% methanol/permeabilized in 0.1% PBS-Tween used under the same conditions.



Immunohistochemistry paraffin embedded sections -  
Anti-Noxa antibody [114C307] (ab13654)

Bouin-fixed, paraffin-embedded human tonsil tissue stained for Chronic Lymphocytic Leukemia (CLL) xenograft tissue stained for Noxa using ab13654 at 1/2000 dilution in immunohistochemical analysis.

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

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