




Anti-NCF1/p47-phox antibody ab166930

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

概述

产品名称	Anti-NCF1/p47-phox抗体
描述	山羊多克隆抗体to NCF1/p47-phox
宿主	Goat
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Guinea pig, Cow, Dog, Pig, Chinese hamster 
免疫原	Synthetic peptide corresponding to Mouse NCF1/p47-phox aa 217-230 (internal sequence) (Cysteine residue). Sequence: DEAEDPDPNYAGEP Database link: NP_035006.3 <div>  Run BLAST with  Run BLAST with </div>
阳性对照	WB: Daudi cell lydates ICC/IF: RAW264.7 and NIH3T3 cells
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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	ab166930 was purified from goat serum by ammonium sulphate precipitation followed by antigen

	affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab166930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 10 µg/ml.
WB	★★★★★ (2)	Use a concentration of 0.03 - 0.1 µg/ml. Predicted molecular weight: 45 kDa. 1 hour primary incubation is recommended for this product.

靶标

功能	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
疾病相关	Defects in NCF1 are the cause of chronic granulomatous disease autosomal recessive cytochrome-b-positive type 1 (CGD1) [MIM:233700]. Chronic granulomatous disease is a genetically heterogeneous disorder characterized by the inability of neutrophils and phagocytes to kill microbes that they have ingested. Patients suffer from life-threatening bacterial/fungal infections.
序列相似性	Contains 1 PX (phox homology) domain. Contains 2 SH3 domains.
细胞定位	Cytoplasm.

图片

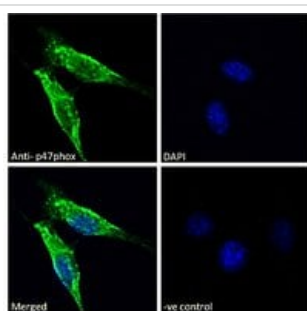


Western blot - Anti-NCF1/p47-phox antibody
(ab166930)

Anti-NCF1/p47-phox antibody (ab166930) at 1 µg/ml + Daudi cell lysate (in RIPA buffer) at 35 µg

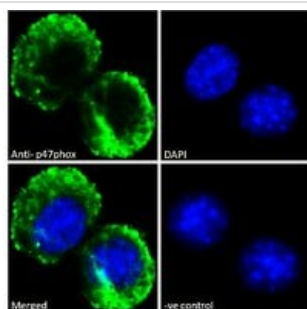
Predicted band size: 45 kDa

Detected by chemiluminescence.



Immunocytochemistry/ Immunofluorescence - Anti-NCF1/p47-phox antibody (ab166930)

Immunocytochemistry/ Immunofluorescence analysis of NIH3T3 cells labeling NCF1/p47-phox ab166930 at 10ug/mL (1hr). Cells were fixed with paraformaldehyde and permeabilized with 0.15% Triton. An Alexa Fluor 488 conjugated antibody at 2ug/mL was used as the secondary antibody. The images is showing cytoplasmic and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/mL).



Immunocytochemistry/ Immunofluorescence - Anti-NCF1/p47-phox antibody (ab166930)

Immunocytochemistry/ Immunofluorescence analysis of RAW264.7 cells labeling NCF1/p47-phox ab166930 at 10ug/mL (1hr). Cells were fixed with paraformaldehyde and permeabilized with 0.15% Triton. An Alexa Fluor 488 conjugated antibody at 2ug/mL was used as the secondary antibody. The images is showing cytoplasmic and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/mL).

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

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