

Anti-NOXA2/p67phox antibody [EPR5065] ab109523

重组 RabMAb

3 References [4 图像](#)

概述

产品名称	Anti-NOXA2/p67phox抗体[EPR5065]
描述	兔单克隆抗体[EPR5065] to NOXA2/p67phox
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P 不适用于: IP
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	THP-1 or HL-60 treated with Dexomethasone and TPA cell lysate Human colon tissue
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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: 7.20 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

同种型 IgG

The Abpromise guarantee

“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
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 67 kDa (predicted molecular weight: 60 kDa).
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for IP.

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 NCF2 are a cause of chronic granulomatous disease autosomal recessive cytochrome-b-positive type 2 (CGD2) [MIM:233710]. 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.

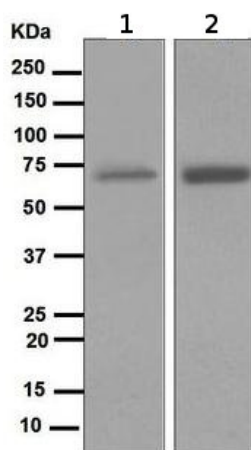
序列相似性

Belongs to the NCF2/NOXA1 family.
Contains 1 OPR domain.
Contains 2 SH3 domains.
Contains 3 TPR repeats.

细胞定位

Cytoplasm.

图片



Western blot - Anti-NOXA2/p67phox antibody
[EPR5065] (ab109523)

All lanes : Anti-NOXA2/p67phox antibody [EPR5065] (ab109523)
at 1/10000 dilution

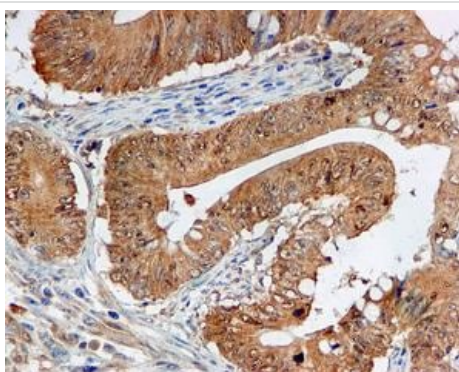
Lane 1 : THP-1 cell lysate

Lane 2 : HL-60 treated with Dexomethasone and TPA cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 60 kDa

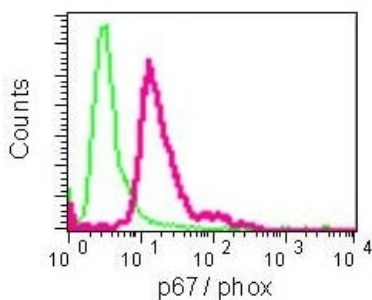
Observed band size: 67 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-NOXA2/p67phox antibody
[EPR5065] (ab109523)

ab109523, at a 1/500 dilution, staining Human NOXA2/p67phox in
colon, using Immunohistochemistry, Formalin/PFA-fixed paraffin-
embedded tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6
before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-NOXA2/p67phox antibody [EPR5065] (ab109523)

Intracellular Flow Cytometry analysis of permeabilized THP-1 cells using ab109523 (red) and a rabbit IgG (negative control) (green). The dilution is 1/150. The secondary antibody is a goat anti-rabbit IgG FITC.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-NOXA2/p67phox antibody [EPR5065] (ab109523)

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

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