

# Anti-NOXA2/p67phox antibody [EPR5065] ab109523

リコンビナント **RabMAb**

**3 References**   **画像数 4**

### 製品の概要

製品名	Anti-NOXA2/p67phox antibody [EPR5065]
製品の詳細	Rabbit monoclonal [EPR5065] to NOXA2/p67phox
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, IHC-P <b>適用なし:</b> IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	THP-1 or HL-60 treated with Dexomethasone and TPA cell lysate Human colon tissue
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名	EPR5065
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab109523の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

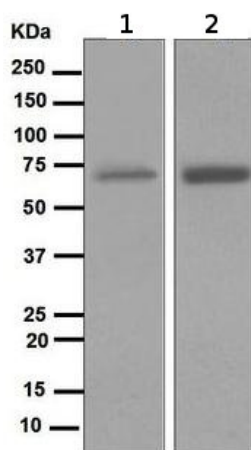
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 67 kDa (predicted molecular weight: 60 kDa).
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

**追加情報**      Is unsuitable for IP.

## ターゲット情報

<b>機能</b>	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
<b>関連疾患</b>	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.
<b>配列類似性</b>	Belongs to the NCF2/NOXA1 family. Contains 1 OPR domain. Contains 2 SH3 domains. Contains 3 TPR repeats.
<b>細胞内局在</b>	Cytoplasm.

## 画像



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

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

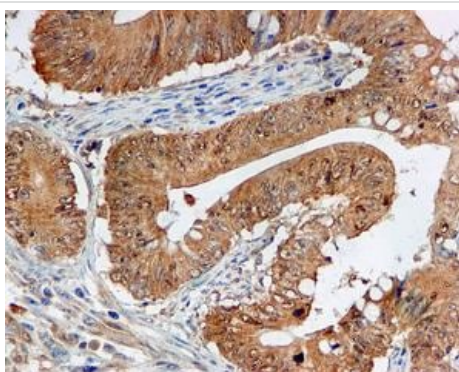
**Lane 1** : THP-1 cell lysate

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

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 60 kDa

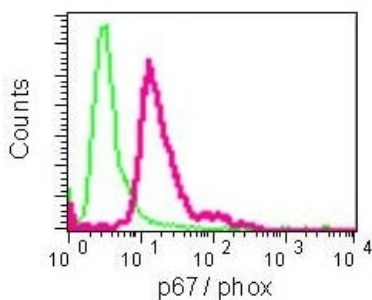
**Observed band size:** 67 kDa



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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