

## NOXA2 Rabbit mAb

Catalog No: #49940

Package Size: #49940-1 50ul #49940-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

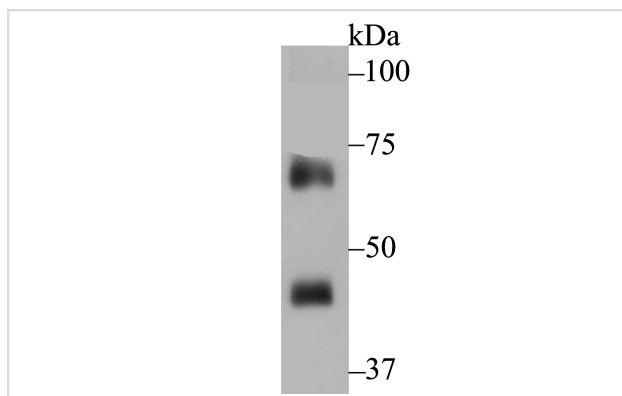
## Description

Product Name	NOXA2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG86-31
Purification	ProA affinity purified
Applications	WB,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within Human NOXA2 aa 150-300.
Other Names	67 kDa neutrophil oxidase factor antibody Chronic granulomatous disease autosomal 2 antibody FLJ93058 antibody NADPH oxidase activator 2 antibody NCF-2 antibody Ncf2 antibody NCF2_HUMAN antibody Neutrophil cytosol factor 2 antibody Neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2) antibody Neutrophil NADPH oxidase factor 2 antibody NOXA2 antibody P67 PHOX antibody p67-phox antibody p67phox antibody
Accession No.	Swiss-Prot#:P19878
Uniprot	P19878
GeneID	4688;
Calculated MW	60/47 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

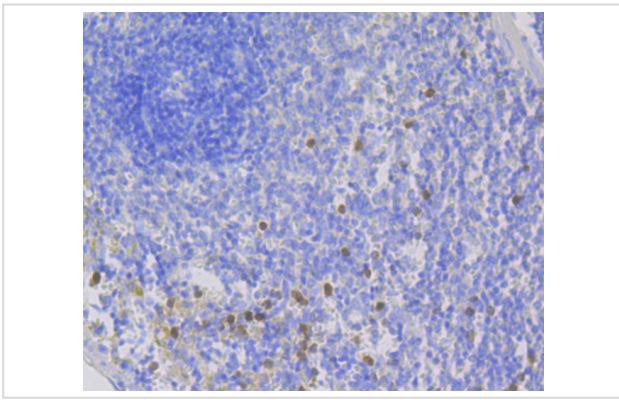
## Application Details

WB: 1:500 IHC: 1:50-1:200 IP: 1:10-1:50

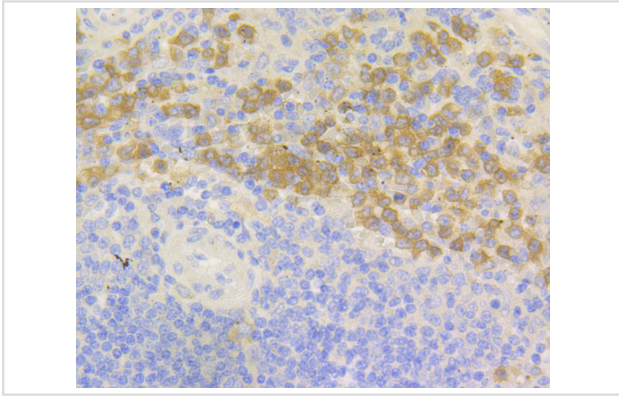
## Images



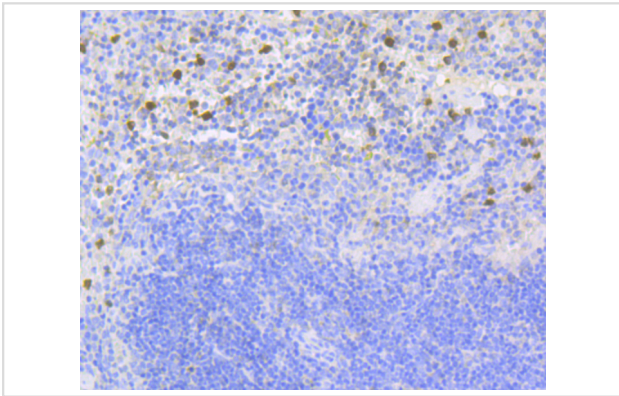
Western blot analysis of NOXA2 on rat spleen tissue lysate using anti-NOXA2 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded rat spleen tissue using anti-NOXA2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-NOXA2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-NOXA2 antibody. Counter stained with hematoxylin.

## Background

The hereditary disease chronic granulomatous disease (CGD) has been linked to mutations in p47phox and p67phox. The cytosolic proteins p47phox and p67phox, also designated neutrophil cytosol factor 1 (NCF1) and NCF2, respectively, are required for activation of the superoxide-producing NADPH oxidase in neutrophils and other phagocytic cells. During activation of the NADPH oxidase, p47phox and p67phox migrate to the plasma membrane where they associate with cytochrome b558 and the small G protein Rac to form the functional enzyme complex. Both p47phox and p67phox contain two Src homology 3 (SH3) domains. The C-terminal SH3 domain of p67phox has been shown to interact with the proline rich domain of p47phox, suggesting that p47phox may facilitate the transport of p67phox to the membrane.

## References

Note: This product is for in vitro research use only