

For Research Use Only

# CoraLite® Plus 488-conjugated NOXA2/p67phox Monoclonal antibody



Catalog Number: **CL488-67594**

## Basic Information

<b>Catalog Number:</b> CL488-67594	<b>GenBank Accession Number:</b> BC001606	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4688	<b>CloneNo.:</b> 1D11A3
<b>Source:</b> Mouse	<b>Full Name:</b> neutrophil cytosolic factor 2	<b>Recommended Dilutions:</b> IF 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 60 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG8691	<b>Observed MW:</b> 67 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : A431 cells,
<b>Species Specificity:</b> Human	

## Background Information

NOXA2/p67phox is also named as NCF2(Neutrophil cytosol factor 2) and belongs to the NCF2/NOXA1 family. It is a membrane bound cytochrome b558 required for activation of the latent NADPH oxidase. NCF2 is an essential component of the multi-protein NADPH oxidase enzyme in phagocytic leukocytes, as well as in certain non-phagocytic cells. This protein has 4 isoforms produced by alternative splicing.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

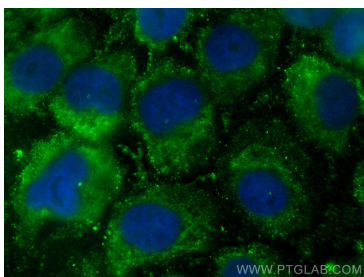
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Coralite® Plus 488 NOXA2/p67phox antibody (CL488-67594, Clone: 1D11A3) at dilution of 1:1000.