

# NOXA2/p67phox Monoclonal antibody

Catalog Number: 67594-1-Ig

## Basic Information

**Catalog Number:**

67594-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG8691

**GenBank Accession Number:**

BC001606

**GeneID (NCBI):**

4688

**UNIPROT ID:**

P19878

**Full Name:**

neutrophil cytosolic factor 2

**Calculated MW:**

60 kDa

**Observed MW:**

67 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

1D11A3

**Recommended Dilutions:**

WB 1:5000-1:50000

IHC 1:250-1:1000

IF/ICC 1:400-1:1600

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Species Specificity:**

Human, pig

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

**Positive Controls:**

**WB :** HepG2 cells, L02 cells, pig liver tissue

**IHC :** human tonsillitis tissue,

**IF/ICC :** A431 cells,

## Background Information

### Storage

**Storage:**

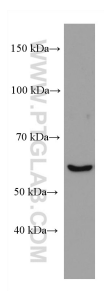
Store at -20°C.

**Storage Buffer:**

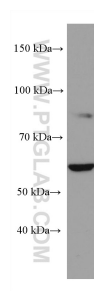
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

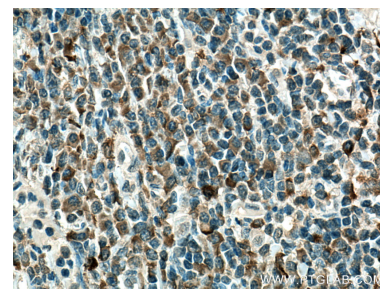
## Selected Validation Data



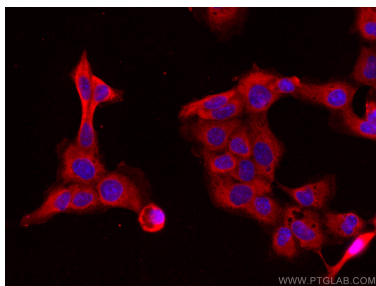
HepG2 cells were subjected to SDS PAGE followed by western blot with 67594-1-Ig (NOXA2/p67phox antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



L02 cells were subjected to SDS PAGE followed by western blot with 67594-1-Ig (NOXA2/p67phox antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67594-1-Ig (NOXA2/p67phox antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using NOXA2/p67phox antibody (67594-1-Ig, Clone: 1D11A3 ) at dilution of 1:800 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).