

Manufacturer/Supplier:

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Product name: Rabbit anti-p47 phox Antibody

Catalog: DL94313A

Synonyms: NOXO2; SH3PXD1A; Neutrophil cytosol factor 1;
NCF-1; 47 kDa autosomal chronic granulomatous
disease protein; 47 kDa neutrophil oxidase factor;
NCF-47K; Neutrophil NADPH oxidase factor 1;
Nox organizer 2; Nox-organizing protein 2; SH3
and PX domain-contain

Immunogen: KLH-conjugated synthetic peptide encompassing a
sequence within the C-term region of human p47
phox. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity:

Human, Mouse, Pig, Monkey

Application: WB, IHC, IF/IC**Clonality:** Polyclonal

Dilution: WB (1/500 - 1/2000),
IHC (1/50 - 1/200), IF/IC (1/50 -
1/100)

Entrez Gene:

653361/17969

SwissProt:

P14598/Q09014

Purification:

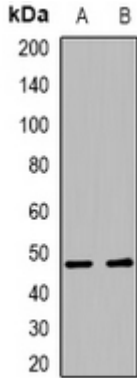
The antibody was purified by immunogen affinity chromatography.

Buffer:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of p47 phox expression in Jurkat (A), THP1 (B) whole cell lysates.

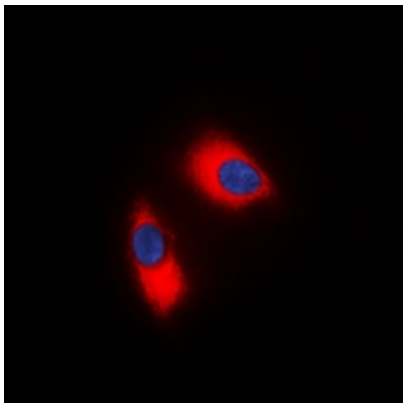


IHC description:

Immunohistochemical analysis of p47 phox staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of p47 phox staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary anti



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.