

Product Datasheet

p47 phox Antibody

Catalog No: CY3248

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB,IHC



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Information

UniProt ID: P14598

All Names: 47 kDa autosomal chronic granulomatous disease protein, 47 kDa neutrophil oxidase factor, NCF-1, NCF-47K, NCF1, Neutrophil NADPH oxidase factor 1, Neutrophil cytosol factor 1, Neutrophil cytosolic factor 1, P47 phox, p47-phox

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 44kDa

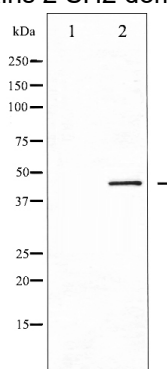
Application

WB 1:500-1:2000

IHC 1:50-1:200

Background

The 47-kilodalton cytosolic subunit of the multi-protein complex known as NADPH oxidase is found in neutrophils. The holo-oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Contains 2 SH2 domains.



Western blot analysis of p47 phox expression in TSA treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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