

## Anti-p47 phox/NCF1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A01586-3-Fluoro647

### About NCF1

Neutrophil cytosol factor 1, also known as p47phox, is a protein that in humans is encoded by the NCF1 gene. The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease.

### Overview

Product Name	Anti-p47 phox/NCF1 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P14598

### Technical Details

Immunogen	E.coli-derived human p47 phox/NCF1 recombinant protein (Position: Q22-R384). Human NCF1 shares 81% amino acid (aa) sequence identity with both mouse and rat NCF1.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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