

# Immunotag™ P47 Antibody

Antibody Specification	
Catalog No.	ITA1393
Product Description	Immunotag™ P47 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	P47
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human P47
Specificity	P47 Antibody detects endogenous levels of total P47
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NCF1
Accession No.	P14598
Alternate Names	47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NADPH oxidase organizer 2; NCF 47K; NCF-1; NCF-47K; Ncf1; NCF1_HUMAN; Neutrophil cytosol factor 1; Neutrophil cytosolic factor 1; neutrophil cytosolic factor 1, (chronic granulomatous disease, autosomal 1); Neutrophil NADPH oxidase factor 1; Nox organizer 2; Nox organizing protein 2; Nox-organizing protein 2; NOXO2; p47 phox; p47-phox; SH3 and PX domain containing protein 1A; SH3 and PX domain-containing protein 1A; SH3PXD1A;

## Antibody Specification

Description	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	47 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.