

# Neutrophil Cytosol Factor 1 (Phospho-Ser304) Conjugated Antibody



Catalog No: #C11703

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Package Size: #C11703-AF350 100ul #C11703-AF405 100ul #C11703-AF488 100ul

#C11703-AF555 100ul #C11703-AF594 100ul #C11703-AF647 100ul

#C11703-AF680 100ul #C11703-AF750 100ul #C11703-Biotin 100ul

## Description

Product Name	Neutrophil Cytosol Factor 1 (Phospho-Ser304) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of Neutrophil Cytosol Factor 1 only when phosphorylated at serine 304.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 304(R-S-S(p)-I-R) derived from Human Neutrophil Cytosol Factor 1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NCF1; NCF-47K; P47 phox
Accession No.	Swiss-Prot#:P14598NCBI Gene ID:653361NCBI mRNA#:NM_000265.5. NCBI Protein#:NP_000256.4.
Uniprot	P14598
GeneID	653361;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	44
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

### Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

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Note: This product is for in vitro research use only