

p47 phox (Ab-345) Conjugated Antibody

Catalog No: #C33293



Package Size: #C33293-AF350 100ul #C33293-AF405 100ul #C33293-AF488 100ul
 #C33293-AF555 100ul #C33293-AF594 100ul #C33293-AF647 100ul
 #C33293-AF680 100ul #C33293-AF750 100ul #C33293-Biotin 100ul

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Description

Product Name	p47 phox (Ab-345) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total p47 phox protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human p47 phox around the phosphorylation site of serine 345 (P-Q-S(p)-P-G).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	47 kDa autosomal chronic granulomatous disease protein;47 kDa neutrophil oxidase factor;NCF-1;NCF-47K;NCF1
Accession No.	Swiss-Prot#:P14598NCBI Gene ID:653361
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	45
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

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

Note: This product is for in vitro research use only