

## USP47 Conjugated Antibody

Catalog No: #C43345



Package Size: #C43345-AF350 100ul #C43345-AF405 100ul #C43345-AF488 100ul  
 #C43345-AF555 100ul #C43345-AF594 100ul #C43345-AF647 100ul  
 #C43345-AF680 100ul #C43345-AF750 100ul #C43345-Biotin 100ul

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## Description

Product Name	USP47 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total USP47 protein.
Immunogen Description	Fusion protein of human USP47
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TRFP
Accession No.	Swiss-Prot#:Q96K76NCBI Gene ID:55031NCBI mRNA#:BC000226NCBI Protein#:
Uniprot	Q96K76
GeneID	55031;
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	157KD
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

## Background

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Ubiquitin carboxyl-terminal hydrolase 47 is an enzyme that in humans is encoded by the USP47 gene. Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulate CDC25A expression at a transcriptional level.

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Note: This product is for in vitro research use only