

## 53BP1 (Ab-29) Conjugated Antibody

Catalog No: #C33270



Package Size: #C33270-AF350 100ul #C33270-AF405 100ul #C33270-AF488 100ul  
 #C33270-AF555 100ul #C33270-AF594 100ul #C33270-AF647 100ul  
 #C33270-AF680 100ul #C33270-AF750 100ul #C33270-Biotin 100ul

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## Description

Product Name	53BP1 (Ab-29) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total 53BP1 protein.
Immunogen Description	Synthesized peptide derived from Internal of human 53BP1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	p53-binding protein 1;P531;TP53B;TP53BP1;TRP53BP1
Accession No.	Swiss-Prot#:Q12888NCBI Gene ID:7158
Uniprot	Q12888
GeneID	7158;
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	170
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

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

## Background

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Plays a key role in the response to DNA damage. May have a role in checkpoint signaling during mitosis. Enhances TP53-mediated transcriptional activation.

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Note: This product is for in vitro research use only