

## 53BP1 (Phospho-Ser25) Conjugated Antibody

Catalog No: #C12125



Package Size: #C12125-AF350 100ul #C12125-AF405 100ul #C12125-AF488 100ul  
 #C12125-AF555 100ul #C12125-AF594 100ul #C12125-AF647 100ul  
 #C12125-AF680 100ul #C12125-AF750 100ul #C12125-Biotin 100ul

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## Description

Product Name	53BP1 (Phospho-Ser25) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of 53BP1 only when phosphorylated at serine 25.
Immunogen Description	Peptide sequence around phosphorylation site of serine 25 (E-D-S(p)-Q-P) derived from Human 53BP1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	P531, TP53B, TP53BP1, TRP53BP1, Tumor suppressor p53-binding protein 1, p53-binding protein 1
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
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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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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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