

## MDC1 (Phospho-Ser513) Conjugated Antibody

Catalog No: #C11807



Package Size: #C11807-AF350 100ul #C11807-AF405 100ul #C11807-AF488 100ul  
 #C11807-AF555 100ul #C11807-AF594 100ul #C11807-AF647 100ul  
 #C11807-AF680 100ul #C11807-AF750 100ul #C11807-Biotin 100ul

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## Description

Product Name	MDC1 (Phospho-Ser513) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of MDC1 only when phosphorylated at serine 513.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 513(E-R-S(p)-Q-A) derived from Human MDC1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	IER3;NFBD1;KIAA0170;DKFZp781A0122
Accession No.	Swiss-Prot#:Q14676NCBI Gene ID:9656NCBI mRNA#:NM_014641.2. NCBI Protein#:NP_055456.2.
Uniprot	Q14676
GeneID	9656;
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	226
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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The MDC1 protein contains a forkhead homology-associated (FHA) domain and 2 BRCA1 (MIM 113705) C-terminal motifs (BRCTs) and is required for the intra-S-phase DNA damage checkpoint.

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Note: This product is for in vitro research use only