



## MDC1 (phospho Ser513) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A17436	Rabbit	1 mg/ml	227 kD
Applications	IHC,ELISA		
Reactivity	Human		
Dilution	IHC: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-MDC1 (S513) Polyclonal Antibody detects endogenous levels of MDC1 protein only when phosphorylated at S513.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human MDC1 around the phosphorylation site of Ser513. AA range:479-528		
Uniprot No	Q14676		
Alternative names	MDC1; KIAA0170; NFB1; Mediator of DNA damage checkpoint protein 1; Nuclear factor with BRCT domains 1		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype			
Conjugation			
Background	mediator of DNA damage checkpoint 1(MDC1) Homo sapiens The protein encoded by this gene contains an N-terminal forkhead domain, two BRCA1 C-terminal (BRCT) motifs and a central domain with 13 repetitions of an approximately 41-amino acid sequence		
Other	Gene_name: MDC1 ; Protein_name: Mediator of DNA damage checkpoint protein 1; Expression: Epithelium,Myelomonocyte,Pancreas,Peripheral blood leukocyte,Testis		

### Product Images

#### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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