

## Product datasheet for **TA326493**

### MDC1 Mouse Monoclonal Antibody [Clone ID: P2B11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	P2B11
Recommended Dilution:	WB: 1:2000
Reactivity:	Mouse, Human, Chimpanzee, Bovine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	GST-tagged recombinant protein corresponding to mouse MDC1 ar and around the N-terminus
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mediator of DNA damage checkpoint 1
Database Link:	<a href="#">NP_055456</a> <a href="#">Entrez Gene 240087 Mouse</a> <a href="#">Entrez Gene 9656 Human</a> <a href="#">Q14676</a>
Background:	MDC1, mediator of DNA damage checkpoint protein 1, plays a role in checkpoint mediated cell cycle arrest in response to DNA damage, within S phase and G2/M. It is also thought to act as a scaffold protein during recruitment of DNA repair and signal transduction proteins to discrete foci of DNA damage that are marked by phosphorylation of histone H2A.X on S139.
Synonyms:	NFBD1
Note:	Detects ~184kDa. This antibody recognizes MDC1 at and around the N-terminus.



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