

## Product datasheet for **SP1514**

### MDC1 Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	ELISA: direct. Western Blot: 1:2000; this antibody detects 3 bands of approximately 250 kDa in HeLa and 293T cell lysates. Immunofluorescence: 1:500.
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Recombinant MDC1 BRCT domains (aa 1883 - 2089)
Specificity:	This antibody recognises the 250kD protein product of KIAA0170, recently named MDC1 (for mediator of DNA damage checkpoint protein 1).
Formulation:	Containing 0.09% Sodium Azide State: Serum State: Liquid serum
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mediator of DNA damage checkpoint 1
Database Link:	<a href="#">Entrez Gene 9656 Human Q14676</a>
Background:	Research suggest that MDC1 is involved in the early stages of response to DNA damage and may recruit other factor to sites of DNA damage.
Synonyms:	MDC1, KIAA0170, NFBD1



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