

This product is **for research use only** (not for diagnostic or therapeutic use)

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Product no **AS23 4964**

## Anti-DMC1 | Disruption of meiotic control 1

### Product information

<b>Immunogen</b>	KLH-conjugated peptide derived from protein sequence of DMC1 of <i>Arabidopsis thaliana</i> , UniProt: <a href="#">Q39009</a> GeneID: At3g22880
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Antigen affinity purified serum, in PBS pH 7.4
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<b>Reconstitution</b>	For reconstitution, add 50 µl, of sterile or deionized water.
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

### Application information

<b>Recommended dilution</b>	1 : 5000 (WB)
<b>Expected   apparent MW</b>	37 kDa
<b>Confirmed reactivity</b>	<i>Triticum aestivum</i>
<b>Predicted reactivity</b>	<i>Arabidopsis thaliana, Brassica napus, Hordeum vulgare, Nicotiana tabacum, Oryza sativa, Solanum lycopersicum, Solanum tuberosum, Zea mays.</i>
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	DMC1 protein is only expressed in meiotic cells. Total cell extract from leaves can be used as a negative control.
<b>Selected references</b>	To be added when available, antibody released in February 2026.