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Product no AS24 5012

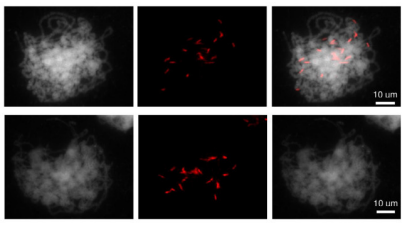
Anti-MSH2 | DNA mismatch repair protein MSH2

Product information

Immunogen	KLH-conjugated peptide derived from MSH2 protein sequence of *Arabidopsis thaliana*, UniProt: O24617 GeneID: AT3G18524
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution, add 50 µl of sterile or deionized water.
Storage	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

Recommended dilution	1 : 200 (IF)
Expected | apparent MW	105.5 kDa
Confirmed reactivity	*Triticum aestivum*
Predicted reactivity	*Arabidopsis thaliana, Arachis hypogaea, Capsicum annuum, Citrus sp., Cucumis sativus, Gossypium sp., Malus domestica, Medicago truncatula, Nicotiana tabacum, Pisum sativum, Populus sp., Solanum lycopersicum, Spinacia oleracea, Solanum tuberosum, Theobroma cacao* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody released in February 2026.



Applied procedure:
Type of material: Meiocytes of Triticum aestivum
Fixation: 3:1 (ethanol : acetic acid)
Hydrophilization: no
Cell wall digestion: no
Membrane permeabilization: PBST (PBS1X, 0.1% Triton X-100)
Antigen retrieval: yes
Blocking buffer: 1% BSA in PBST
Washing buffer: PBST
Primary antibody dilution and incubation time: 1:200, 40 H
Secondary antibody:1:400, 30 min, Thermo Fischer Scientific
Co-staining of the nucleus (DAPI): yes
Cell wall and nucleus staining: no

Courtesy of Floriane Chéron, INRAE UMR1095, France