

Product no **AS08 341**

VRN2 | Vernalization protein 2

Product information

Immunogen | KLH-conjugated synthetic peptide chosen from *Triticum aestivum* VRN2 sequence

Host | Mouse

Clonality | Monoclonal

Purity | Affinity purified

Format | Lyophilized

Quantity | 100 µg (2x50 µg)

Reconstitution | For reconstitution add 50 µl of sterile water to each tube.

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.

Additional information | VRN-2 and ZCCT2 full-length proteins were expressed as GST fusion proteins in *E. coli* and purified through GST sepharose columns. The purified VRN-2 and ZCCT2 proteins were used to test the specificity of the VRN-2 antibody by Western blot analysis. A Western blot experiment showed that the VRN-2 antibody was able to differentiate VRN-2 from the ZCCT2 protein.

Application information

Recommended dilution | 1 : 10 000 (ELISA), 1 : 1000 (WB)

Expected | apparent MW | 23.7 kDa

Confirmed reactivity | *Triticum aestivum*

Predicted reactivity | *Triticum monococcum*

Species of your interest not listed? [Contact us](#)

Not reactive in | No confirmed exceptions from predicted reactivity are currently known.

Additional information | There is some non-specific binding in a western blot when using anti-TaVRN2 antibody on nuclear extracts of *T. monococcum*.