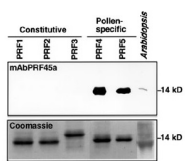


Product no **AS16 3143****Anti-PRO4,5 | Profilin-4,5 (clone mAbPRF45a (2-B8))****Product information**

Immunogen	Profilin 4 (PRF4) from <i>Arabidopsis thaliana</i> , UniProt: Q38905 , TAIR: AT4G29340
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG1
Purity	IgG1 immunoglobulin purified on Protein G in 0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl, 0.05% (w/v) sodium azide.
Format	Liquid
Quantity	100 µg
Storage	Store at -20°C. Make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	Exact working dilution needs to be determined by end user

Application information

Expected apparent MW	14 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	This antibody reacts with both, PRF4 (profilin 4) and PRF5 (profilin 5)
Selected references	Kandasamy, M.K., et al. (2002). Plant profilin isovariants are distinctly regulated in vegetative and reproductive tissues. Cell Motil Cytoskeleton 52(1):22-32. McKinney, E.C., et al. (2001) Small changes in the regulation of one Arabidopsis profilin isovariant, PRF1, alter seedling development. Plant Cell 13(5): 1179-91.

Application example

5 µg of recombinant profilins from *Arabidopsis thaliana* and 20 µg of total protein from whole plant extract. Coomassie blue stained gel (bottom) shows equal loading of recombinant profilins.