

Anti-Phytochrome B antibody

Catalog: PHY1734

Product Information

Description:	Mouse monoclonal (Clone: 12H1) antibody
Background:	PHYB is a red/far-red photoreceptor involved in the regulation of de-etiolation. It exists in two inter-convertible forms: Pr and Pfr (active). It is involved in the light-promotion of seed germination and in the shade avoidance response.
Synonyms:	PHYB, HY3, OOP1, OUT OF PHASE 1, PHYTOCHROME B
Immunogen:	Recombinant protein of PHYB derived from <i>Arabidopsis thaliana</i> AT2G18790.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A purified
Reconstitution:	Reconstitution with 150 µl of 0.01M sterile PBS. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	125 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

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