

Product no **AS20 4502****Phy | Phytochrome (clone Pea-25)****Product information**

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| Immunogen | Phytochrome |
| Host | Mouse |
| Clonality | Monoclonal |
| Subclass/isotype | IgG |
| Purity | Immunoglobulin Protein G purified, in PBS pH 7.4, 150 mM NaCl, 0.05 % of sodium azide. |
| Format | Liquid |
| Quantity | 100 µg |
| Storage | Store at -20 °C; 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. |

Application information

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| Recommended dilution | assay dependent |
| Expected apparent MW | 124 kDa |
| Confirmed reactivity | <i>Avena sativa</i> , <i>Pisum sativum</i> |
| Predicted reactivity | graminae, fabaceae Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Additional information | Epitope recognized by this antibody is located at 85 kDa from N-terminus and is highly conserved (no photo-conversion) |
| Selected references | Pratt et al. (1988) . Mapping of antigenic domains on phytochrome from etiolated <i>Avena sativa</i> L. by immunoblot analysis of proteolytically derived peptides. Arch Biochem Biophys. 267(2):723-35. doi: 10.1016/0003-9861(88)90081-1. Cordonnier et al. (1983) . Production and purification of monoclonal antibodies to <i>Pisum</i> and <i>Avena</i> phytochrome. Planta. 158(4):369-76. doi: 10.1007/BF00397340. |