

Product no **AS20 4489**

PS | Phytochelatin Synthase

Product information

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| Immunogen | N-terminal peptide conjugated to MAP (Multiple Antigenic Peptide) |
| Host | Mouse |
| Clonality | Monoclonal |
| Subclass/isotype | IgG2a |
| Format | Protein G purified immunoglobulin in PBS pH 7.4, 150 mM NaCl, 0.05 % sodium azide |
| Quantity | 100 µg |
| Storage | Store at -20°C. 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

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| Recommended dilution | 1: 1000 (ELISA), (WB) |
| Expected apparent MW | 57 kDa |
| Confirmed reactivity | <i>Schizosaccharomyces pombe</i> |
| Not reactive in | No confirmed exceptions from predicted reactivity known at the moment. |
| Additional information | This antibody recognized yeast PS overexpressed in <i>Arabidopsis thaliana</i> . |
| Selected references | Chen et al (2005) . Overexpression of phytochelatin synthase in Arabidopsis leads to enhanced arsenic tolerance and cadmium hypersensitivity. <i>Plant Cell Physiol.</i> 2004 Dec;45(12):1787-97. Erratum in: <i>Plant Cell Physiol.</i> 46(2):387. |