

Product no **AS20 4489****PS | Phytochelatin Synthase****Product information**

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

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. Plant Cell Physiol. 2004 Dec;45(12):1787-97. Erratum in: Plant Cell Physiol. 46(2):387.