

Anti-PMI antibody

Catalog: PHY0624

Product Information

Description:	Mouse monoclonal antibody
Background:	Phosphomannose isomerase (PMI) encoding gene <i>manA</i> is a desirable selective marker in transgenic research. Understanding of its expression patterns in transgenic plant and establishing highly sensitive detection method based on immunoassay have great impacts on the application of PMI.
Synonyms:	PMI
Immunogen:	KLH-conjugated synthetic peptide (18 aa from N terminal section) derived from PMI protein (Uniprot: P00946).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	43 kDa
Predicted Reactivity:	Anti-PMI recognizes recombinant PMI/manA protein and transgenic rice.

Research Use Only