

Anti-Xa21 antibody

Catalog: PHY0623

Product Information

Description:	Mouse monoclonal antibody
Background:	XA21 is a receptor-like kinase protein in rice (<i>Oryza sativa</i>) that confers gene-for-gene resistance to specific races of the causal agent of bacterial blight disease, <i>Xanthomonas oryzae</i> pv <i>oryzae</i> .
Synonyms:	Xa21
Immunogen:	Recombinant protein corresponding to fragment of Xa21 derived from Q40640.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M 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:	111 kDa
Confirmed Reactivity:	
Predicted Reactivity:	Anti-Xa21 recognizes recombinant Xa21 protein and transgenic rice.

Research Use Only