

## Anti-MD-2-related lipid recognition 3 antibody

Catalog: PHY0739S

## **Product Information**

Description:	Rabbit polyclonal antibody	
Background:	ML3 localizes to the vacuole and to ER bodies and is a Novel NEDD8- and	
	Ubiquitin-Modified Protein. It is also conjugated to ubiquitin, but it can also	
	noncovalently interact with both ubiquitin family proteins. ML3 expression is	
	induced after wounding and herbivore attack as well as by treatment with the	
	hormone MeJA.	
Synonyms:	ML3, MD2-RELATED LIPID RECOGNITION 3	
Immunogen:	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from	
	Arabidopsis thaliana ML3 (AT5G23820).	
Form:	Lyophilized	
Quantity:	150 µg	
Purification:	Serum	
	Peptide affinity form antibody available upon request at <u>info@phytoab.com</u> .	
<b>Reconstitution:</b>	Reconstitution with 150µl of sterile water.	
	"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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.	
Storage:	12 months from date of receipt, -20 to -70℃as supplied.	
	6 months, -20 to -70 $^{\circ}$ C under sterile conditions after reconstitution.	
	1 month, 2 to 8 $^\circ$ C under sterile conditions after reconstitution.	
Shipping:	The product is shipped at $4^\circ\!\mathbb{C}$ . Upon receipt, store it immediately at the	
	temperature recommended above.	

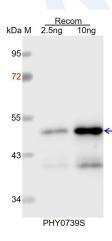
## **Application Information**

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000)
	Note: Optimal dilutions/concentrations should be determined by the
	end user.
Expected / apparent MW:	18 kDa
Predicted Reactivity:	For more species homologues information, please contact tech
	support at <u>tech@phytoab.com</u> .

Research Use Only



## **Application Example**



Recom: 2.5 ng and 10 ng recombinant protein containing the peptide for immunization and having a molecular mass of 52 kDa.
Electrophoresis: 12% SDS-PAGE
Transfer: blotting to NC (nitrocellulose) membrane for 1 h.
Blocking: 5% skim milk at RT or 4°C for 1 h.
Primary antibody: 1:1000 dilution overnight at 4°C.
Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).
Detection: using chemiluminescence substrate and image were captured with CCD camera.



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