

Product no **AS09 648****Ricin (RTA subunit), clone MMA****Product information**

<b>Immunogen</b>	Ricin, RTA subunit
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Subclass/isotype</b>	IgG1
<b>Purity</b>	Purified IgG in PBS pH 7.4 with mannitol.
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µg
<b>Reconstitution</b>	For reconstitution add 200 µl of sterile water
<b>Storage</b>	Store at -70 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. , For storage at 4 °C sodium azide can be added
<b>Additional information</b>	<p>Antibodies have been purified by affinity chromatography on Protein G from tissue culture supernatant and lyophilized from solution containing: mannitol 1%, dextran 1%, NaCl 100mM, sodium phosphate 10 mM, pH 7.5. If required, mannitol can be removed either by dialysis or by chromatography using mini columns Sephadex G50 fine.</p> <p>The concentration can be measured by absorbance at 280 nm (1.35 for 1 mg/ml) or by Bradford method</p> <p>Ricin detection limit is 5 ng/ml, signal-to-noise ratio is 15-50 up to 100 ng/ml</p> <p>Epitope recognized by this antibody is located on the surface of RTA subunit and not accessible in intact ricin molecule.</p> <p>Suggested protocol can be found <a href="#">here</a>.</p>

**Application information**

<b>Recommended dilution</b>	The optimal working dilution should be determined by the investigator, for specific application
<b>Expected   apparent MW</b>	29.8 kDa
<b>Confirmed reactivity</b>	<i>Ricinus communis</i>
<b>Predicted reactivity</b>	<i>Ricinus communis</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	Detected epitope is located on the surface of RTA subunit not accessible in intact ricin molecule, This antibody does not cross-react to whole ricin molecule