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Product no AS09 648

Anti-Ricin (RTA subunit), clone MMA

Product information

Immunogen Ricin, RTA subunit

Host Mouse

Clonality Monoclonal

Subclass/isotype | IgG1

Purity Purified IgG in PBS pH 7.4 with mannitol.

Format Lyophilized

Quantity 200 μg

Reconstitution For reconstitution add 200 μl of sterile water

Storage 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

Additional information 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.

The concentration can be measured by absorbance at 280 nm (1.35 for 1 mg/ml) or by Bradford method

Ricin detection limit is 5 ng/ml, signal-to-noise ratio is 15-50 up to 100 ng/ml

Epitope recognized by this antibody is located on the surface of RTA subunit and not accessible in intact ricin

Suggested protocol can be found here.

Application information

Recommended dilution The optimal working dilution should be determined by the investigator, for specific application

Expected | apparent 29.8 kDa

Confirmed reactivity Ricinus communis

Predicted reactivity Ricinus communis

Not reactive in No confirmed exceptions from predicted reactivity are currently known

Additional information Detected epitope is located on the surface of RTA subunit not accssible in intact ricin molecule. This antibody does not

cross-react to whole ricin molecule