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Product Specification

Product Name:

Anti-Mouse IgA (α -chain specific) antibody produced in goat – affinity isolated antibody, lyophilized powderProduct Number: **M8769**

MDL: MFCD00162614

Storage Temperature: 2 - 8 °C

TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless
Solubility (Form)	Solution
1 mg reconstituted with 1 ml of 0.135 M NaCl	
Protein Concentration by E280	1.00 - 1.50 mg/ml
1 mg reconstituted with 1 ml of 0.135 M NaCl	
(Extinction Coefficient @ 0.1% = 1.4)	
Specificity by IEP	Conforms
Single arc of precipitation in the gamma region when 100 μ L is reacted versus 5 μ L of Normal Mouse Serum containing Bromophenol Blue and 5 μ g of Mouse IgA kappa.	
Purity by IEP	Conforms
Single arc of precipitation in the gamma region when 5 μ g is reacted versus 100 μ L of anti-Goat Whole Serum and anti-Goat IgG.	
Ouchterlony Double Diffusion	Conforms
Arc of identity when 25 μ g are reacted versus 10 μ g of Mouse IgA kappa.	
No reaction when 25 μ g are reacted versus 10 μ g of normal Mouse IgG, IgG1 kappa, IgG2a kappa, IgG2a lambda, IgG2b kappa, IgG3 kappa, IgG3 lambda, IgM kappa, and IgM lambda.	
Titer by SRID	0.5 - 5.0 mg/ml
1 mg precipitates 0.5-5.0 mg Mouse IgA kappa	

Specification: PRD.0.ZQ5.10000011040

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.