

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Anti-Mouse IgG (whole molecule) antibody produced in goat – IgG fraction of antiserum, lyophilized powder

Product Number: **M8890**
MDL: MFCD00162638

Storage Temperature: 2 - 8 °C

TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Solubility (Turbidity)	Clear to Slightly Hazy
Reconstituted with 2 mL of water.	
Solubility (Color)	Colorless
Reconstituted with 2 mL of water.	
Solubility (Form)	Solution
Reconstituted with 2 mL of water.	
Protein by Biuret	≤ 60 mg/ml
Reconstituted with 2 ml of water.	
Precipitation Curve	0.5 - 2.0 mg
1 ml will precipitate 0.5-2.0 mg of purified Mouse IgG	
Ouchterlony (ODD) Titer	Conforms
Minimum 1:8 versus Normal Mouse IgG.	
Specificity by IEP	Conforms
Single arc of precipitation (by stain) in the gamma-region when 100 µl is reacted versus 5 µl of normal mouse serum containing bromphenol blue and 5 µg of normal mouse IgG.	
Purity by IEP	Conforms
Single arc of precipitation (by stain) in the gamma-region when 75 µg is reacted versus 100 µl of anti-goat whole serum and 100 µl anti-goat IgG.	
Cross-Reactivity	Conforms
by ODD	
Line of precipitation when 25 µl is reacted versus 10 µg of Mouse IgG, Mouse IgG1, Mouse IgG2a, Mouse IgG2b, and Mouse IgG3.	
Line of precipitation may be present versus Mouse IgA and Mouse IgM.	

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.

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Specification: PRD.2.ZQ5.10000050724

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