

Product Datasheet

Mouse IgG + IgM (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed (orb347384)

Catalog Number	orb347384
Category	Antibodies
Description	Mouse IgG + IgM (H&L) antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	HRP
Reactivity	Mouse
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against No reaction was observed against bovine, horse or human serum proteins.
Immunogen	Anti-Mouse IgG and IgM whole molecule was produced by repeated immunization with Mouse IgG and IgM whole molecule in goat.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

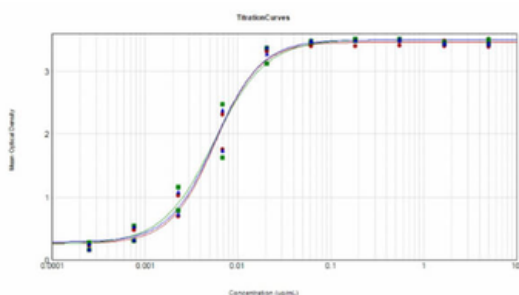
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:40,000, IHC: 1:500 - 1:2,500, WB: 1:2,000 - 1:10,000
Application notes	Anti-Mouse IgG and IgM Peroxidase conjugated antibody has been tested by ELISA and is suitable for highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
Antibody Type	Secondary Antibody
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Expiration Date	12 months from date of receipt.



ELISA Results of Goat Anti-Mouse IgG + IgM Antibody Peroxidase Conjugated Minimum Cross Reactivity to Bovine, Horse and Human Serum Proteins tested against purified Mouse IgG + IgM. Each well was coated in duplicate with 10 µg of Mouse IgG (p/n orb2652749) [Red Line], Mouse IgM (IgG/IgA free) [Green Line], and Mouse IgG/IgM (p/n orb2652749/orb346283) [Blue Line]. The working dilution is 1:175000. The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log₁₀ of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC₅₀ is defined as the titer of the antibody. Assay performed using 3% Fish Gel/PBS Blocking buffer, and TMB substrate (p/n orb348651).

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68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

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