Product Datasheet

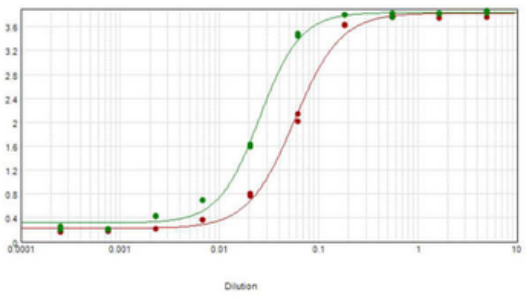
Mouse IgG (H&L) Secondary Antibody Biotin Conjugated (orb347586)

Description	Mouse IgG (H&L) antibody (Biotin)
Species/Host	Rabbit
Reactivity	Mouse
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Mouse IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Storage	Store secondary antibody at 4° C prior to restoration. For extended storage aliquot antibody 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
Application notes	Mouse secondary antibody conjugated to biotin is available in a variety of formats. Anti-Mouse IgG Biotin Antibody has been tested by ELISA and is suitable for western blot, ELISA and immunohistochemistry as well as other antibody based assays requiring lot-to-lot consistency.
Isotype	IgG
Clonality	Polyclonal

Biorbyt Ltd.
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0) 1223 859-353 | Fax: +1 (415) 651-8558

Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Purity	Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG 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 anti-biotin, anti-Rabbit Serum, Mouse IgG and Mouse Serum.
Dilution Range	ELISA: 1:300,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Expiration Date	12 months from date of receipt.



ELISA results of purified Rabbit Anti-Mouse IgG Biotin Conjugated Antibody tested against purified Mouse IgG. Each well was coated in duplicate with 1.0 µg of Mouse IgG (green line). 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 Blocking buffer, Streptavidin HRP conjugate 1:10000.

Biorbyt Ltd.
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0) 1223 859-353 | Fax: +1 (415) 651-8558

Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558