

---

## Product Datasheet

### Beta-2-Microglobulin antibody (Biotin) (orb344771)

**Description**

Beta-2-Microglobulin antibody (Biotin)

**Species/Host**

Rabbit

**Reactivity**

Human

**Conjugation**

Biotin

**Tested**

DOT, ELISA, IHC, WB

**Applications**
**Immunogen**

Anti-Beta-2-Microglobulin Antibody was produced by repeated immunizations with beta-2-Microglobulin protein isolated from human urine.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

**Note**

For research use only

**Application notes**

Anti-beta-2-Microglobulin Biotin antibody has been tested by dot blot and is suitable for western blotting to detect a single band of the expected apparent molecular weight and for ELISA. Researchers should determine optimal titers for applications that are not stated below.

**Isotype**

IgG

**Clonality**

Polyclonal

**Purity**

Anti-beta-2-Microglobulin antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum as well as purified and partially purified b2-Microglobulin [Human Urine]. Cross reactivity against b2-Microglobulin from other sources may occur but has not been specifically



Dot Blot results of Rabbit Anti-Beta 2 M...

Biorbyt Ltd.

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

 Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive&lt;br&gt;Research Triangle Park&lt;br&gt;Durham, North Carolina&lt;br&gt;27709, United States

 Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

**Dilution Range**

ELISA: 1:2,000 - 1:10,000, IHC: 1:500 - 1:3,000, WB: 1:1,000 - 1:5,000