

Datasheet: 8280-0108

BATCH NUMBER 152228

| | |
|----------------------|---|
| Description: | MOUSE ANTI HUMAN SEX HORMONE BINDING GLOBULIN |
| Specificity: | SEX HORMONE BINDING GLOBULIN |
| Other names: | SHBG |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | MA026 (1A7) |
| Isotype: | IgG2a |
| Quantity: | 0.2 mg |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|-------|-----|----|----------------|--------------------|
| ELISA | ▪ | | | |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

| | |
|---------------------------------------|---|
| Target Species | Human |
| Product Form | Ig fraction - liquid |
| Preparation | Ig fraction prepared by caprylic acid fractionation |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | 0.5 mg/ml |
| Immunogen | Purified SHBG from human serum. |

**External Database
Links**

UniProt:

[P04278](#) [Related reagents](#)

Entrez Gene:

[6462](#) SHBG [Related reagents](#)

RRID AB_617393

Specificity **Mouse anti human sex hormone binding globulin antibody, clone MA026 (1A7)**
recognizes sex hormone binding globulin (SHBG), a 45 kDa plasma glycoprotein dimer.

SHBG is an androgen transport protein which binds and regulates the free concentration of steroid hormones and is involved in steroid signalling at the cell membrane. This antibody shows minimal cross-reactivity with other human serum proteins.

Affinity 2.1 x 10⁹ M⁻¹

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

**Health And Safety
Information** Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/8280-0108>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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