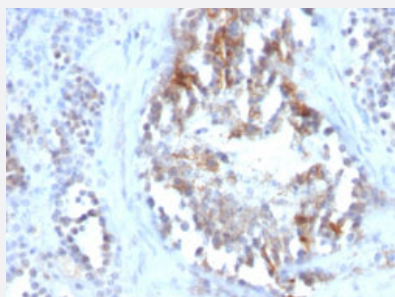


# SHBG monoclonal antibody, clone SPM605

Catalog # MAB13155      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicle tumor with SHBG monoclonal antibody, clone SPM605 (Cat # MAB13155).

## Specification

|                             |                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Mouse monoclonal antibody raised against full length recombinant human SHBG.                                                                                                                                                                            |
| <b>Immunogen</b>            | Recombinant protein corresponding to full length human SHBG.                                                                                                                                                                                            |
| <b>Host</b>                 | Mouse                                                                                                                                                                                                                                                   |
| <b>Theoretical MW (kDa)</b> | 45                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                                                   |
| <b>Form</b>                 | Liquid                                                                                                                                                                                                                                                  |
| <b>Purification</b>         | Protein A/G purification                                                                                                                                                                                                                                |
| <b>Isotype</b>              | IgG1                                                                                                                                                                                                                                                    |
| <b>Recommend Usage</b>      | Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL)<br>Immunofluorescence (0.5-1 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | In 10 mM PBS (0.05% BSA, 0.05% sodium azide).                                                                                                                                                                                                           |

**Storage Instruction**

Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicle tumor with SHBG monoclonal antibody, clone SPM605 (Cat # MAB13155).

- Immunofluorescence

- Flow Cytometry

## Gene Info — SHBG

**Entrez GeneID**
[6462](#)
**Protein Accession#**
[P04278](#)
**Gene Name**

SHBG

**Gene Alias**

ABP, MGC126834, MGC138391, TEBG

**Gene Description**

sex hormone-binding globulin

**Omim ID**
[182205](#)
**Gene Ontology**
[Hyperlink](#)
**Gene Summary**

This gene encodes a steroid binding protein that was first described as a plasma protein secreted by the liver but is now thought to participate in the regulation of steroid responses. The encoded protein binds each steroid molecule as a dimer formed from identical or nearly identical monomers. The use of alternate promoters and alternatively spliced transcripts have been described. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000135293|androgen binding protein

## Disease

- [Abortion](#)

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
- [Hyperandrogenism](#)
- [Infertility](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Neoplasms](#)
- [Obesity](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)

- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Social Perception](#)
- [Stomach Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)