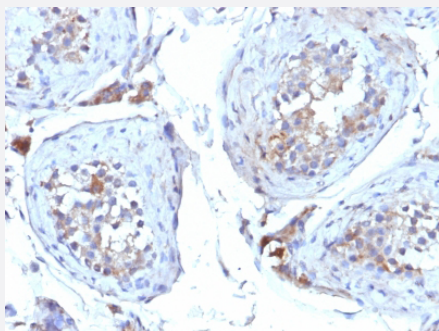


SHBG monoclonal antibody, clone SHBG/245

Catalog # MAB14602 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicular carcinoma with SHBG monoclonal antibody, clone SHBG/245 (Cat # MAB14602).

Specification

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

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicular carcinoma with SHBG monoclonal antibody, clone SHBG/245 (Cat # MAB14602).

- 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

Publication Reference

- [Crystal structure of human sex hormone-binding globulin: steroid transport by a laminin G-like domain.](#)

Grishkovskaya I, Awakumov GV, Sklenar G, Dales D, Hammond GL, Muller YA.

The EMBO Journal 2000 Feb; 19(4):504.

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](#)
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- [Werner syndrome](#)